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Medley Farm
NPL Site
Annual Report



2006 Remedial Action Annual Report

Medley Farm NPL Site

Gaffney, South Carolina

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Prepared for
The Medley Farm Site Steering Committee

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2006 Remedial Action Annual Report

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Executive Summary

The 2006 annual report for the Medley Farm National Priorities List (NPL) Site (site) provides a summary and evaluation of the enhanced reductive dechlorination injection and associated performance groundwater monitoring activities that have been conducted as technical maximization measures by RMT, Inc. (RMT) during the period of January 2006 through December 2006.

Beginning in September 2004, RMT modified the existing soil vapor extraction (SVE) and groundwater pump-and-treat systems to accommodate enhanced reductive dechlorination within select site wells to accelerate attainment of site remedial objectives and goals. These modified treatment systems subsequently have been used to inject a lactate-based nutrient suspension to stimulate the growth of subsurface anaerobic microorganisms responsible for reductive dechlorination of residual site constituents of concern (COCs). Lactate injections commenced in October 2004. Since that time, three subsequent lactate injection events have been conducted, including: May/June of 2005, November/December 2005, and July/August 2006.

Groundwater performance monitoring has been conducted in concert with these activities to evaluate if water quality conditions in the aquifer have been altered to be more conducive to reductive dechlorination, to assess possible changes in observed volatile organic compound (VOC) concentrations in the site groundwater, and to evaluate how persistent the lactate suspension is in the underlying aquifer. Groundwater monitoring results have been compared against baseline site conditions that were established prior to initial nutrient injections during the baseline monitoring event conducted in September 2004.

In 2006, two additional groundwater monitoring events and one limited nutrient injection event were conducted at the site. In February/March 2006, a site-wide groundwater monitoring event was conducted to evaluate groundwater quality. In July/August 2006, a limited nutrient injection event (intended to address and further reduce groundwater VOC concentrations in select areas of the site) was conducted. In November 2006, follow-up monitoring to the limited nutrient injection event was conducted to monitor and assess groundwater quality in wells proximal to the July/August 2006 injection wells.

The results of the groundwater monitoring events conducted in 2006 confirm that the lactate-based nutrient injections remain successful in creating and maintaining an anaerobic and

reducing environment. These conditions are also facilitating and enhancing the biodegradation of tetrachloroethene (PCE), trichloroethene (TCE), and their related daughter products via reductive dechlorination.

RMT has benchmarked the success of these technical maximization measures in each of the last two annual reports that have been submitted to the United States Environmental Protection Agency (USEPA) and the South Carolina Department of Health and Environmental Control (SC DHEC). During the September 2004 baseline monitoring event, RMT observed that PCE and TCE levels exceeded remediation target levels in 65 percent of the site wells that were sampled. In 2006, the number of wells in which exceedances of these respective remediation target levels were observed has fallen to 30 percent for PCE and 36 percent for TCE. These reductions in PCE concentrations across the site account for an average reduction of 80 percent decrease in the injection wells and 62 percent decrease in the monitoring wells. Similarly for TCE, the average reduction in concentrations was 76 percent in injection wells and 57 percent in monitoring wells.

Increases in PCE and TCE levels were observed in former recovery wells A-2, A-3, B-2, and B-3 in November 2006 when compared to February 2006 performance monitoring data. The observed levels of PCE and TCE at well B-2 were even greater than what had been observed by RMT during the September 2004 baseline sampling. RMT attributes this unexpected increase in TCE/PCE at well B-2 to two factors. In September 2006, the internal hoses and jet-pump assemblies were removed from the groundwater recovery wells. Removal of these pump internals provided greatly improved access to these wells and considerable improvement in the degree to which field technicians were able to purge each of these wells prior to sampling. As a consequence, it is RMT's belief that groundwater quality results from these wells are likely more representative of aquifer conditions in these areas of the site.

Perhaps the most telling indicator that lactate-based nutrient injections have been successful in enhancing the rate of reductive dechlorination at the site is the dramatic decrease in the concentrations of PCE/TCE levels in former source areas and the subsequent generation and attenuation of daughter products in nearby monitoring wells, locations where no prior lactate injection occurred. Concentrations of *cis*-1,2-dichloroethene (*cis*-1,2-DCE) have steadily increased in each of the site injection wells and most of the monitoring wells following the onset of nutrient injections. Field data collected since the baseline sampling event have also demonstrated a pronounced reduction in the daughter products of TCE/PCE in the groundwater at the site. Vinyl chloride levels, in particular, have been observed to rise and then attenuate rapidly across the site. These lines of evidence continue to support a conclusion that the shift to enhanced reductive dechlorination at the site has exerted a positive and pronounced improvement in site groundwater quality.

Upon consideration of the past year's performance monitoring data, RMT has concluded that it is now appropriate for the site to be allowed to rest and re-equilibrate. We recommend that active treatment measures be suspended until September 2007, at which a site-wide round of groundwater monitoring will be conducted. The purpose of this proposed "rest and re-equilibration period" would be to allow the underlying aquifer to recover and facilitate observations of VOC rebound.

If, following the September 2007 sampling event, VOC levels in the site groundwater indicate that VOC rebound is apparent and additional nutrient injections are necessary, RMT will promptly advise the Agencies of this circumstance and re-mobilize to the site for an additional round of nutrient injections, as described in the approved site workplan (dated August 2004). However, if the field data from the September 2007 sampling event should indicate that groundwater quality remains at stable levels (no evidence of appreciable VOC rebound) and that remaining VOC concentrations do not pose a reasonable risk to human health or the environment and have not appreciably increased with time, then a recommendation will be submitted to the Agencies that the responsible parties be given approval and allowed to enter a period of monitored natural attenuation (MNA). The specific scope, schedule, and details of such MNA monitoring will be established at a later date.

Furthermore, at the end of the designated MNA monitoring period, and if the VOC plume can be shown to have further degraded and, maintained steady-state conditions at sufficiently low levels, the responsible parties will be provided the opportunity to submit to the Agencies technical justification for a determination of No Further Action (NFA) to be rendered for the site. This would further reduce site monitoring requirements to document and verify that compliance with applicable groundwater and surface water standards is being achieved at an agreed point of compliance. It is RMT's opinion and belief that a cost-benefit analysis conducted at this point in the project would likely show the technical impracticability of further active remedial measures and support a NFA determination.

Section 1

Introduction

The 2006 annual report for the site provides a summary and evaluation of the enhanced reductive dechlorination activities and associated performance groundwater monitoring that have been conducted by RMT during the period of January 2006 through December 2006. This report has been prepared in accordance with USEPA-approved Performance Standards Verification Plan (PSVP) prepared in August 1993 by RMT and the *Revised Workplan and Design Report for Reductive Dechlorination* prepared in June 2004 by RMT.

1.1 Objectives and Scope

The objectives of this 2006 annual report are to:

- Describe and document the remedial activities conducted in 2006 to enhance reductive dechlorination of VOCs in groundwater at the site.
- Evaluate and assess the continued effectiveness of the enhanced reductive dechlorination process in reducing the observed concentrations of VOCs in site groundwater.
- Evaluate the remedial action goals of the site in relationship with the enhanced reductive dechlorination process as it might influence an eventual transition of the project to MNA status.
- Recommend further actions to facilitate and achieve timely and cost-effective site closure.

To accomplish these objectives, RMT has conducted routine performance monitoring to evaluate the following conditions:

- Changes in groundwater quality affecting VOC degradation potential
- Progress of observed degradation of site VOCs
- Persistence of the treatment solution (injectant)
- Hydraulic gradients and groundwater flow directions

This 2006 annual report includes and discusses the following:

- Water table configuration maps and groundwater flow conditions.
- Time versus concentration graphs for VOCs in injection and monitoring wells and general trends in VOC concentrations.

- Plume maps for each parent VOC compound including PCE, TCE, *cis*-1,2-DCE, and vinyl chloride.
- Conclusions and recommendations for future response measures based on injection performance measured in 2006.

1.2 Site Background

Remedial activities were first initiated at the site in March 1995 to remediate groundwater and soil affected by VOCs, utilizing groundwater pump and treat and SVE systems in accordance with the USEPA Record of Decision (ROD).

1.2.1 Target Constituents

The USEPA ROD for the site established remediation target levels for 15 site-specific COCs, all of which are VOCs listed in Table 1.

1.2.2 Treatment System Operation

The groundwater pump-and-treat system was actively operated from March 1995 until August 2004. During its period of operation, approximately 10 million gallons of VOC-affected groundwater were recovered and treated annually. In 2004, evaluation of site remediation progress indicated that the performance benefits of the existing pump and treat and SVE systems demonstrated asymptotic (steady state) conditions with regard to removal of target COCs from the subsurface. While these treatment systems had effectively reduced most COC concentrations in groundwater, residual concentrations of PCE and TCE remained persistent in limited areas. RMT believes this may have been due to aerobic conditions imposed on the subsurface by the SVE system, an insufficient supply of nutrients or organic carbon sources (food) in support of anaerobic microbial activity, or some combination of the two. Thus, efforts were made to identify supplemental actions to accelerate attainment of site remediation goals and objectives.

Beginning in September 2004, RMT modified the existing SVE and pump-and-treat systems to accommodate implementation of reductive dechlorination within select source area wells and the A- and B-series groundwater recovery wells. The modified treatment system was used to receive a lactate-based nutrient suspension that was injected to stimulate the growth of subsurface anaerobic microorganisms responsible for reductive dechlorination of remaining site COCs. An oxygen scavenger was also injected in concert with the nutrient suspension to reduce the dissolved oxygen (DO) levels and facilitate the anaerobic biodegradation process.

A baseline round of groundwater sampling and water level measurements was conducted in September 2004 to evaluate the recovery of water level conditions within the aquifer after the shutdown of the pump and treat system and to evaluate groundwater quality before nutrient injection commenced. This background data has been used as a point of comparison to more recent groundwater quality data collected during performance monitoring to evaluate the effectiveness of the enhanced reductive dechlorination process.

1.3 Summary of Site Hydrogeologic Conditions

The geologic characterization of the site was initially presented in the 1995 *Annual Report*. This report has since been supplemented with information gathered during installation of PSVP borings in 1999 and the installation of the dual-phase (DP) wells in 2000 (both described in the 2000 *Medley Farm Site Annual Report*). The site geology remains a controlling factor on the direction of COC migration in the subsurface, with significant components that include the following:

- A fault located southeast and downgradient from the recovery wells that strikes N50E and dips 70 degrees to the southeast. This fault is generally parallel to the foliation, or layering, in the metamorphic bedrock units beneath the site. The historical distribution of VOCs indicates that constituent migration may be affected by this fault.
- Groundwater at the site occurs in three hydrostratigraphic zones;
 1. saprolite (highly weathered near-surface bedrock),
 2. in a transition zone of highly fractured and weathered bedrock, and
 3. in the moderately fractured shallow bedrock zone found immediately below the transition zone.
- The saprolite, transition, and shallow bedrock zones are hydraulically interconnected; therefore, these three hydrostratigraphic units comprise what is considered a single unconfined aquifer beneath the site. The recovery wells used for the nutrient injection are generally screened from the top of rock up through the saprolite.

Table 1
Groundwater Remediation Target Levels⁽¹⁾

PARAMETER	REMEDIATION LEVEL ($\mu\text{g/L}$)
Acetone	350
Benzene	5
2-Butanone	2,000
Chloromethane	63
Chloroform	100
1,1-Dichloroethane (1,1-DCA)	350
1,2-DCA	5
1,1-DCE	7
1,2-DCE	<i>cis</i> : 70 and <i>trans</i> : 100
Methylene Chloride	5
PCE	5
1,1,1-Trichloroethane	200
1,1,2-Trichloroethane	5
TCE	5

⁽¹⁾ Target levels taken from Table 19 of the Medley Farm ROD.

The groundwater monitoring analytical program for the site includes analysis for these VOCs. During the September 2004 Baseline monitoring event, only five of these 15 VOCs (TCE, PCE, 1,1-DCE, 1,1,2-TCA, and 1,2-DCA) were detected at concentrations above their respective remediation goals.

Section 2

Injection and Monitoring Activities

Since the shutdown of the groundwater pump-and-treat and SVE systems in August 2004, three full-scale and one limited nutrient injection events and six groundwater monitoring events (including the September 2004 baseline sampling) have been conducted. The following narrative summarizes these activities. More specific details of the nutrient injection system design, operation, and control are provided in the *Revised Workplan and Design Report for Reductive Dechlorination* (RMT, Inc., June 2004).

2.1 Summary of Remedial Activities

Supplemental remedial activities have been conducted at the site as technical maximization measures since the shutdown of the pump and treat and SVE systems in August 2004. These activities include three full-scale and one limited nutrient injection events and six groundwater monitoring events. Table 2 summarizes the remedial activities that occurred since the 2004 shutdown of the SVE and groundwater pump-and-treat systems through December 2006.

2.2 Lactate Injections

Prior to 2006, lactate-based nutrient injection events were conducted in the fall of 2004 (October and November), the spring of 2005 (May and June) and fall of 2005 (November and December). The first two nutrient injection events (fall 2004 and spring 2005) included 13 wells consisting of the seven A-series recovery wells (A-1 through A-7), four B-series recovery wells (B-1 through B-4), DP-3-1, and DP-3-2. The third injection event conducted in the fall of 2005 included these same 13 injection wells plus one additional well, MW-3D. This well was added because PCE and TCE concentrations in this well were observed to have increased in the September 2005 groundwater monitoring event.

In 2006, one lactate-based nutrient injection event was conducted. This nutrient injection event was conducted in July and August and included eight wells consisting of four A-series recovery wells (A-1, A-2, A-3, and A-5), two former dual-phase wells (DP-2-1 and DP-3-1), and two monitoring wells (MW-3D and MW-4-2). This was the first injection event in which DP-2-1 and MW-4-2 were utilized. A summary list of the July/August 2006 nutrient injection wells are presented in Table 3. A site map showing the locations of the July/August 2006 nutrient injection wells is included as Figure 1.

During the July/August 2006 injection event, treatment was shifted from the main source areas and the fringe of the VOC plume to focusing on addressing remaining pockets of VOC concentrations in some site wells. The reason for shifting the remediation strategy was that VOC concentrations in most of the primary injection wells had been sufficiently addressed.

The July/August 2006 nutrient injection began on July 6, 2006. As planned, the July/August 2006 nutrient injection event included injection into wells DP-2-1, DP-3-1, MW-2-1, MW-2-2, MW-3D, MW-4-1, and MW-4-2. Field operations were largely routine for wells DP-2-1, DP-3-1, MW-3D, and MW-4-2 and nutrient was successfully introduced into these wells. However, nutrient injections could not be completed in four of the planned injection locations (wells MW-2-1, MW-2-2, MW-4-1, and SW-3). Monitoring wells SW-3, MW-2-1, and MW 4-1 would not accept water, even when the injection rate was throttled back to less than one half gallon of fluid per minute. Some infiltration of fluid was forced into MW-2-2 under pressure, but the rate of infiltration was too slow for continuation of the operation to be practical. The Agencies were advised and nutrient injection was discontinued in these wells as a result of apparent low hydraulic conductivity. Nearby injection wells A-1, A-2, A-3, and A-5 were added to the injection program to replace wells MW-2-1, MW-2-2, and MW-4-1.

The lactate-based nutrient suspension was mixed with dilution water collected from monitoring well BW-3 to achieve the desired concentration of the injectant solution and to disperse the nutrients into the aquifer from the injection point. Table 4 contains a summary of the relative volume of dilution water that was added to each well per lactate injection event. This table also serves as a summary of which wells were used for injection in each injection event.

2.3 Groundwater Level Monitoring

In 2006, water levels were measured in January, February, July, and November. A discussion of the groundwater levels and flow direction is presented in Section 3.

2.4 Groundwater Quality Monitoring

As described in the *Revised Workplan and Design Report for Reductive Dechlorination* (RMT, June 2004), groundwater quality monitoring was conducted at the site to evaluate the following conditions:

- Changes in groundwater quality relating to observed anaerobic degradation of COCs across the site
- Initial baseline condition of site COCs and observed changes with time
- Persistence of the nutrient solution (injectant)

In September 2004, a site-wide baseline sampling of wells was conducted to evaluate site conditions prior to injecting the treatment solution. Since initiation of nutrient injection, which was completed in November 2004, five groundwater monitoring events were completed to evaluate the degradation of site COCs and the persistence of the treatment solution following injection into the aquifer.

In 2006, two performance monitoring events were completed, which consisted of a site-wide sampling in February/March and a limited sampling in November. In addition to the February/March and November 2006 monitoring events, a baseline sampling of DP-2-1 was completed on July 5, 2006 to establish conditions at this location prior to using this well as an injection well. Table 5 presents a list of the wells sampled in 2006.

The wells sampled in the February/March 2006 monitoring event were the same wells as sampled in the September 2005 site-wide monitoring event, plus five additional wells (DP-2-1, MLW-1-4, MLW-3-4, SW-3, and SW-4). In the November 2006 limited monitoring event, six of the eight injection wells (A-2, A-4, A-5, B-1, B-4, and DP-3-1) were sampled to monitor the progress of reductive dechlorination at the injection sites and seven monitoring wells (BW-2, MW-2-1, MW-2-2, MW-4-1, MW-4-2, MLW-3, and MW-3D) were sampled to monitor the progress of nutrient injection away from the injection sites.

The wells sampled during the November 2006 limited monitoring event were selected based on the 2006 performance monitoring plan submitted by RMT (letter from RMT to USEPA dated August 31, 2006) and subsequent correspondence with USEPA (USEPA memorandum dated September 20, 2006 and letter from RMT to USEPA dated October 16, 2006). These wells were selected to monitor groundwater quality in wells with residual VOC concentrations greater than a remedial target goal and to monitor groundwater quality in the July/August 2006 limited injection wells

Between the February/March and November 2006 monitoring events, the internal hosing, pitless adapters, and jet pump assemblies were removed from 10 of the 11 recovery wells (A-1, A-2, A-3, A-4, A-6, A-7, B-1, B-2, B-3, and B-4). The internals from A-5 were previously removed during maintenance activities in September 2004. Removal of the internals from these wells allowed the purging of larger volumes of groundwater prior to sampling in the November 2006 monitoring event than was possible in the February/March 2006 monitoring event.

Groundwater samples were analyzed for the 15 site-specific COCs listed in the PSVP (Table 1), plus vinyl chloride, chloroethane, dissolved ferrous iron, and dissolved manganese. In the February/March 2006 monitoring event, in addition to the analytical parameters listed above, samples were also analyzed for chloride, sulfate, alkalinity, and volatile fatty acids (VFAs). Field indicator parameters (DO, oxidation reduction potential [ORP], temperature, pH, and

specific conductivity) were also measured in the groundwater samples collected during both monitoring events. The wet chemistry parameters (chloride, sulfate, and alkalinity), and VFAs were deleted from the November 2006 monitoring as part of the revised 2006 performance monitoring plan.

Table 2
Summary of Remedial Activities (August 2004 through December 2006)

REMEDIAL ACTIVITY	DATE OF ACTIVITY
Shutdown of the SVE and groundwater pump and treatment systems	August 2004
Baseline water level measurements and groundwater monitoring event (site-wide)	September 14, 2004 though September 30, 2004
First nutrient injection event	October 2, 2004 through November 12, 2004
Influence monitoring event	December 14, 2004 through December 21, 2004.
Influence monitoring event	February 15, 2005 through February 22, 2005
Second nutrient injection event	May 11, 2005 through June 27, 2005.
Influence monitoring event	September 8, 2005 through September 28, 2005
Third nutrient injection event	November 9, 2005 through December 27, 2005
Influence monitoring event (site-wide)	February 20, 2006 through March 3, 2006
Baseline monitoring of DP-2-1	July 5, 2006
Fourth nutrient injection event	July 6, 2006 through August 23, 2006
Performance monitoring event (limited)	November 10, 2006 through November 21, 2006

Table 3
July/August 2006 Nutrient Injection Wells

WELL	
A-1	DP-2-1
A-2	DP-3-1
A-3	MW-3D
A-5	MW-4-2

Table 4
Volumes of Dilution Water Added per Lactate Injection Event

WELL	VOLUME OF DILUTION WATER PER LACTATE INJECTION (gallons)			
	OCT/NOV 2004	MAY/JUN 2005	NOV/DEC 2005	JULY/AUG 2006
DP-2-1 ⁽²⁾	--	--	--	44,588
DP-3-1	44,346	49,392	48,140	51,413
DP-3-2	46,968	46,880	47,563	--
A-1	6,745	8,583	7,980	7,490
A-2	7,465	7,841	8,620	6,520
A-3	8,342	7,865	8,855	6,800
A-4	7,181	7,260	3,971	--
A-5	7,539	6,542	4,820	5,415
A-6	7,261	6,947	6,837	--
A-7	6,770	7,482	6,303	--
B-1	7,284	7,285	8,990	--
B-2	7,917	8,638	8,440	--
B-3	7,313	8,857	8,440	--
B-4	8,330	6,580	5,222	--
MW-3D ⁽¹⁾	--	--	4,318	6,710
MW4-2 ⁽²⁾	--	--	--	5,820

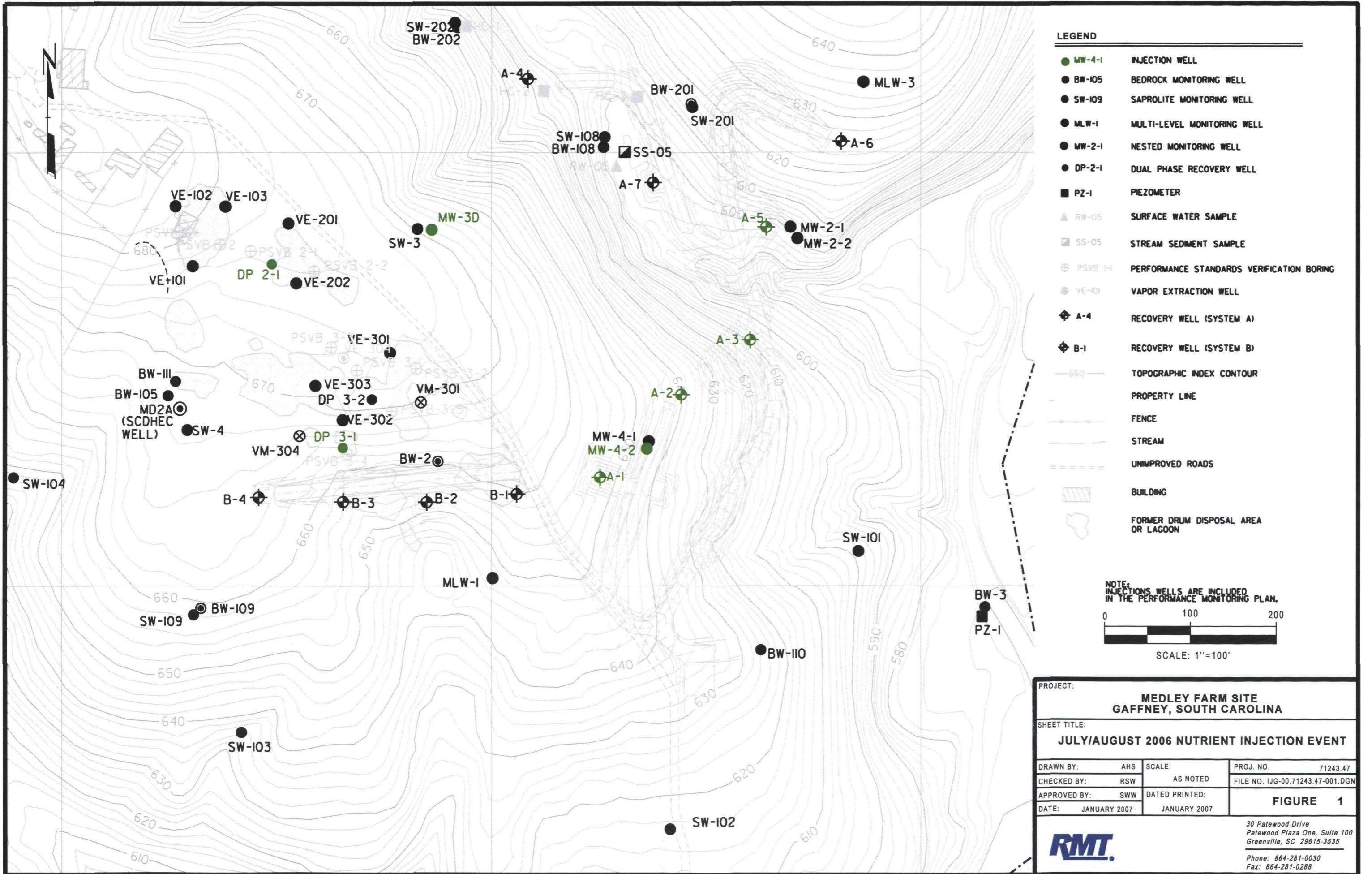
⁽¹⁾ MW-3D was added to the injection program in December 2005.

⁽²⁾ DP-2-1 and MW4-2 were added to the injection program in July 2006.

Table 5
2006 Performance Monitoring Wells

FEBRUARY/MARCH 2006			NOVEMBER 2006	
A-1	BW-2	MLW-3-4	A-1	MLW-3-4
A-2	BW-201	MW-2-1	A-2	MW-2-1
A-3	BW-202	MW-2-2	A-3	MW-2-2
A-4	DP-2-1	MW-3D	B-2	MW-3D
A-5	DP-3-1	MW-4-1	B-3	MW-4-1
A-6	DP-3-2	MW-4-2	BW-2	MW-4-2
A-7	MLW-1-1	SW-101	DP-2-1 ⁽¹⁾	SW-201
B-1	MLW-1-2	SW-102	DP-3-1	SW-202
B-2	MLW-1-3	SW-108	MLW-3-1	SW-3
B-3	MLW-1-4	SW-201	MLW-3-2	SW-4
B-4	MLW-3-1	SW-202	MLW-3-3	
BW-108	MLW-3-2	SW-3		
BW-109	MLW-3-3	SW-4		

⁽¹⁾ A baseline sampling of DP-2-1 was conducted on July 5, 2006.



Section 3

Performance Monitoring Results

This section presents the 2006 groundwater monitoring results and associated water table elevation measurements, which provide an effective means of tracking the progress of supplemental remedial activities at the site.

3.1 Groundwater Levels and Flow Direction

In 2006, groundwater levels were measured in January, February, July, and November to determine the water table configuration and groundwater flow direction. Summary tables of the groundwater levels measured since September 2004 is presented in Appendix A as Table A-1. Figure 2 provides a map showing the configuration of the water table on November 9, 2006. A comparison of the September 2005 and November 2006 water table configurations show that the overall water table configuration and groundwater flow direction remained consistent with 2005 results.

3.2 Groundwater Quality

The wells sampled in the November 2006 limited monitoring event were selected to monitor groundwater quality in wells with residual VOC concentrations greater than a remedial target goal and to monitor groundwater quality in the July/August 2006 limited injection wells.

Summary tables of July/August 2006 and November 2006 groundwater analytical data, including the aquifer indicator data, are presented in Appendix B as Tables B-1 and B-2, respectively. Time versus concentration trends for pH, DO, ORP, and dissolved manganese in selected monitoring wells and injection wells are provided in Appendix C. The laboratory analytical reports for the groundwater sampling data are provided in Appendix D.

Summary tables of the September 2004 through November 2006 groundwater concentration data for PCE, TCE, *cis*-1,2-DCE and vinyl chloride are presented as Tables 6 through 9, respectively, with values exceeding the PSVP standard shaded. Time versus concentration graphs for select monitoring wells and injection wells are presented as Figures 3 through 8.

Groundwater plume maps showing the results of the September 2004 baseline sampling and the November 2006 performance sampling are presented as Figures 9 through 14. Figures 9 and 10 present isoconcentration maps of PCE and TCE, respectively, in groundwater in September 2004 prior to the first lactate nutrient injection event. Figures 11 through 14 present

isoconcentration maps of PCE, TCE, *cis*-1,2-DCE, and vinyl chloride, respectively, in groundwater in November 2006. No maps showing the isoconcentrations of 1,2-DCE or vinyl chloride in September 2004 are presented because at that time, *cis*-1,2-DCE was not detected above the remediation target level and vinyl chloride was not detected in any of the wells sampled.

Plate 1 presents two maps showing the site with the VOC speciation (parent compounds PCE and TCE with the daughter compounds *cis*-1,2-DCE and vinyl chloride) in groundwater as detected in September 2004 prior to the initiation of lactate nutrient injection and in November 2006 after the completion of four nutrient injection events. On these two maps presented as Plate 1, the VOC speciation is presented as pie charts with the relative concentrations of PCE, TCE, *cis*-1,2-DCE, and vinyl chloride.

3.2.1 Indicator Parameters

Indicator parameters measured in the field in February and November 2006 include specific conductivity, temperature, pH, DO, and ORP. ORP continues to be the most consistent field measurement used in evaluating how aquifer conditions are supporting reductive dechlorination and how the nutrient injectant is being dispersed into the aquifer. The temperature, pH, and DO field measurements are also measured and recorded, but do not appear to be as indicative of in-place aquifer conditions as ORP.

Analytical parameters, sulfate, dissolved ferrous iron, dissolved manganese, and VFAs, were measured in February 2006. These indicators have been used to evaluate changes in the oxidation state of the aquifer, the persistence of the nutrient solution in the aquifer, and to assess if by-products of reductive dechlorination are present in groundwater. Sulfate and VFAs were not included in the November 2006 Performance Monitoring event because the changes in the oxidation state of the aquifer, nutrient solution persistence, and measurement of degradation by-products can be measured using other field and analytical parameters such as ORP and constituent concentration.

Oxidation Reduction Potential

Baseline ORP measurements collected in September 2004 over most of the site were indicative of aerobic aquifer conditions prior to nutrient injection. ORP measurements collected in February 2006 were negative in all injection wells, and exhibited reduced ORP in most surrounding monitoring wells. ORP measurements collected in November 2006 were predominately negative with the other surrounding wells exhibiting greatly reduced ORP. Specifically, ORP has been historically positive in wells MW-2-1, MW-2-2, and MW-4-1.

However, in the November 2006 monitoring event, ORP measurements in these wells were negative. A significant reduction in ORP was also observed in multilevel monitoring wells MLW-3-1, MLW-3-2, MLW-3-3, and MLW-3-4.

Dissolved Manganese

Manganese is typically associated with iron mineralogically, and is generally quite abundant in an oxidized form within the saprolitic soils of the Piedmont. It is quite common, and generally expected, for dissolved manganese concentrations to be higher in a reducing environment, like the groundwater conditions that have been created through nutrient injection at the site, than would be observed in an oxidizing environment. Anaerobic bacteria have also been documented to potentially strip manganese from mineral surfaces. As illustrated in Appendix C, levels of dissolved manganese remain greater than baseline in all injection wells. Dissolved manganese levels in monitoring wells MW-2-2, MW-4-1, and SW-3 were below the secondary maximum contaminant level (SMCL) from Baseline through the February 2006 monitoring event, but concentrations increased in the 2006 monitoring event, thus supporting a conclusion that this increase in manganese concentration was a result of nutrient injection. These increases provide another line of evidence supporting the conclusion that the aquifer has been altered to a condition that is more supportive of reductive dechlorination. RMT anticipates that beyond the treatment zone groundwater conditions remain similar to pre-injection aerobic conditions, where the dissolved manganese in groundwater will oxidize to a less soluble form, and dissolved concentrations will attenuate to lower levels more representative of aerobic conditions.

Levels of dissolved manganese in monitoring well MLW-3-1 were already relatively high in the baseline monitoring event, suggesting that dissolved manganese concentrations at this location may not be the result of the nutrient injection.

3.2.2 Distribution of Volatile Organic Compounds

During the February/March and November 2006 sampling events, 6 of the 15 PSVP COCs (1,2-DCA, 1,1-DCE, PCE, TCE, 1,1,2-TCA, and vinyl chloride) were detected at concentrations above their respective remediation target levels in 18 of the 39 wells sampled. In the November 2006 sampling event alone, these same 6 VOCs were detected at concentrations above their respective remediation target levels in only 14 of the 21 wells sampled. In comparison, in the September 2004 baseline monitoring event,

5 of the 15 PSVP COCs (1,2-DCA, 1,1-DCE, PCE, TCE, and 1,1,2-TCA) were present in groundwater at concentrations greater than their respective remediation target level in 22 of 34 site wells sampled.

Plate 1, which presents a graphical representation of the change in the concentrations of PCE, TCE, *cis*-1,2-DCE, and vinyl chloride since September 2004, shows that lactate injections have been effective in converting PCE and TCE to *cis*-1,2-DCE, and vinyl chloride across the site. The following narrative summarizes and discusses RMT's findings relating to the remaining concentrations of parent compounds PCE and TCE and daughter compounds (*cis*-1,2-DCE and vinyl chloride) produced by reductive dechlorination.

Tetrachloroethene and Trichloroethene

Water quality monitoring indicates that the nutrient injections have been successful in promoting an overall reduction in the source concentrations of the parent compounds PCE and TCE since the September 2004 baseline sampling event. Changes in PCE and TCE concentrations in groundwater are presented in Tables 6 and 7 and in the time versus concentration graphs presented as Figures 3 through 8.

A review of the historical PCE concentrations presented in Table 6 shows that in the September 2004 baseline monitoring event, concentrations of PCE were greater than the remediation target level of 0.005 mg/L in 22 of 34 wells, or 65 percent of the wells sampled. In 2006, the number of wells in which PCE concentrations were greater than the remediation target level had fallen to 12 of the 39 wells, or 30 percent of wells sampled. In 2006, all of the 34 wells sampled during the baseline monitoring were sampled, with five additional wells included.

The same trend was observed for TCE in 2006. Groundwater concentrations of TCE were greater than the remediation target level of 0.005 mg/L in 22 of 34, or 65 percent of the wells sampled. In 2006, the number of wells in which TCE concentrations were greater than the remediation target level had fallen to 14 of the 39 wells, or 36 percent of the wells sampled.

The most significant decreases in PCE and TCE concentrations were observed in and around injection well DP-3-1. DP-3-1 is located within one of the former VOC source areas and historically has contained the highest concentrations of PCE and TCE observed at the site. Nutrient injection has been successful in

reducing concentrations to below remediation target levels at DP-3-1 and the surrounding monitoring wells.

Increases in PCE and TCE concentrations were observed in the former recovery wells A-2, A-3, B-2, and B-3 in November 2006 when compared to February 2006 data, and at B-2, the PCE and TCE concentrations were greater than those observed in the September 2004 baseline sampling. This apparent increase is likely due to the change in how these wells were sampled after the well internals were removed in September 2006. Removal of the internals from these wells allowed the purging of larger volumes of groundwater prior to sample collection in the November 2006 monitoring event than was possible in February 2006 monitoring event.

The only other detected increases in PCE or TCE concentrations in 2006 in comparison with the September 2004 baseline sampling were observed at well SW-201. Well SW-201 is located in the northeast portion of the site and the PCE and TCE detections at this well appear to be isolated detections. The apparent increase in PCE and TCE concentrations in this well may be the result of a limited area of sorbed material that has been solubilized as the water level rebounded in this part of the site.

A comparison of the PCE and TCE plume maps (depicted on Figures 9 through 14) for September 2004 and November 2006, indicate a large decrease in the aerial extent of the highest concentrations of both compounds. There also appears to be a decrease in the aerial extent in the distribution of concentrations of PCE and TCE above the remediation target level of 0.005 mg/L; however, because November 2006 was a limited sampling event (not site wide), a site-wide sampling event is recommended in September 2007 to verify this.

cis-1,2-Dichloroethene and Vinyl Chloride

Observed increases in concentrations of *cis*-1,2-DCE and vinyl chloride are indicative of ongoing reductive dechlorination at the site. As expected, increases in the observed concentrations of *cis*-1,2-DCE and vinyl chloride were generally observed across the site during post-injection monitoring activities.

The conversion of PCE and TCE to *cis*-1,2-DCE and vinyl chloride at the site can best be seen on Plate 1 by comparing the relative concentrations of PCE, TCE, *cis*-1,2-DCE, and vinyl chloride in November 2006 versus September 2004. In general, the September 2004 sampling results show predominant

concentrations of PCE and TCE with minor concentrations of *cis*-1,2-DCE; whereas, the overall November 2006 sample results show a conversion to predominant concentrations of *cis*-1,2-DCE and vinyl chloride. However, given that the November 2006 monitoring was limited in the number of wells sampled, a site-wide sampling of all wells is recommended for September 2007 to verify the full extent of the reductive dechlorination that has taken place.

Increases in the concentrations of *cis*-1,2-DCE and vinyl chloride can also be seen in both the historical summary tables (Tables 8 and 9) and the time versus concentration graphs (Figures 3 through 8). In the September 2004 baseline sampling, *cis*-1,2-DCE was detected in 14 of the 34 wells sampled at concentrations below the remediation target level; whereas, in 2006, *cis*-1,2-DCE was detected in 25 of the 39 wells sampled, with three of the detections exceeding the remediation target level.

With the exception of injection well DP-3-2, which was only sampled once since the September 2004 baseline monitoring, *cis*-1,2-DCE concentrations increased in each of the injection wells and most of the monitoring wells for some period after the beginning of lactate injection. At a number of the wells, this increase was followed by a decrease in *cis*-1,2-DCE. However, at two locations (B-3 and SW-3) *cis*-1,2-DCE concentrations exceeded the remediation target level for the first time in the November 2006 monitoring event.

The most telling indicator that the lactate injection is successful in enhancing the degree of reductive dechlorination at the site is the increase in *cis*-1,2-DCE concentrations that is now occurring in the monitoring wells where no lactate injection previously occurred. Another telling indicator that the lactate injections have been successful in promoting reductive dechlorination is that vinyl chloride was not detected in any well sampled in the September 2004 baseline monitoring event.

3.2.3 Extent of Injectant Influence

Results from the November 2006 performance monitoring clearly demonstrate that the zone of influence of the injection system extends both vertically and laterally. As expected, large decreases in PCE and TCE were observed with the production and further breakdown of the daughter products *cis*-1,2-DCE and vinyl chloride in all injection wells. A more indicative measure of the extent of injectant influence is that in most of the monitoring wells, concentrations of PCE and TCE generally decreased, while *cis*-1,2-DCE and vinyl chloride increased. As shown in Figures 6 and 7, PCE and TCE

concentrations in multi-level monitoring wells MW-4-1, MW-2-1, and MW-2-2 declined in comparison to concentrations observed in February 2006. An increase in the production of *cis*-1,2-DCE was also observed in each of these wells.

The production of daughter products *cis*-1,2-DCE and vinyl chloride was also observed in 2006 in monitoring wells SW-3, BW-2, and in multi-level well cluster MLW-3. Monitoring well SW-3 is located in close proximity to injection well MW-3D. The decrease in concentration in parent compounds and increase in concentration of daughter compounds indicates that aquifer conditions in the vicinity of SW-3 are conducive to reductive dechlorination. Concentrations of *cis*-1,2-DCE which were observed in November 2006 in BW-2 indicate that similar conditions are present near that well which is located downgradient of injection well DP-3-1.

VOC concentrations in MLW-3 wells confirm that the zone of hydraulic influence extends over 100 feet downgradient of the injection system. MLW-3 is located downgradient of the A-series injection wells and well cluster MW-2-1 and MW-2-2. Observed reductions of PCE and TCE, and increases in the concentrations of *cis*-1,2-DCE in MLW-3-1, MLW-3-2, and MLW-3-3 indicate that the conditions within the aquifer are conducive for ongoing reductive dechlorination processes.

Table 6
Summary of Tetrachloroethene in Groundwater

STATION	TETRACHLOROETHENE (mg/L)					
	09/01/04	12/01/04	02/01/05	09/01/05	Feb/March-06	11/01/06
A-1	0.034	NA	NA	NA	<0.01 Muj	<0.001
A-2	0.065	<0.002	<0.001	<0.001	<0.001	0.006
A-3	0.014	NA	NA	NA	0.00064 J	0.013
A-4	0.0029	0.0011	<0.001	<0.001	<0.001	NA
A-5	0.024	0.0012 M	<0.001 MJ	<0.001	<0.001 Muj	NA
A-6	0.0089	NA	NA	NA	<0.001	NA
A-7	0.013	NA	NA	NA	<0.001	NA
B-1	0.019	0.0026 M	<0.001 MJ	<0.001 M	<0.001 Muj	NA
B-2	0.0067	NA	NA	NA	<0.001	0.021
B-3	0.022	NA	NA	NA	<0.001	0.0073
B-4	0.0072	<0.001	<0.001	<0.001	<0.001 Muj	NA
BW-108	0.0057	NA	NA	NA	0.00055 J	NA
BW-109	<0.001	NA	NA	NA	<0.001	NA
BW-2	0.025	0.0086	0.014	0.0072	0.0076	0.014
BW-201	0.00069 J	NA	NA	NA	<0.001	NA
BW-202	0.00551	NA	NA	NA	0.0048	NA
DP-2-1	NA	NA	NA	NA	0.066⁽¹⁾	0.028⁽¹⁾
DP-3-1	0.12	0.016	0.097	0.00098 J	0.0022 J	0.00072 J
DP-3-2	0.087	NA	NA	NA	<0.001	NA
MLW-1-1	<0.001	<0.001	<0.001	<0.001	<0.001	NA
MLW-1-2	<0.001	<0.001	<0.001	<0.001	<0.001	NA
MLW-1-3	<0.001	<0.001	<0.001	<0.001	<0.001	NA
MLW-1-4	NA	0.001	0.0008 J	0.0014	0.0012	NA
MLW-3-1	0.0049	0.0019	<0.1	<0.001	<0.001	<0.001
MLW-3-2	0.0051	0.0013	0.0014	<0.001	0.00056 J	0.00072 J
MLW-3-3	0.0012	0.0012	0.0015	<0.001	<0.001	<0.001
MLW-3-4	NA	<0.001	0.00098 J	<0.001	<0.001	<0.001
MW-2-1	0.014	0.0067	0.005	0.0053	0.0052	0.0032
MW-2-2	0.019	0.0098	0.011	0.0062	0.018 J	0.0096
MW-3D	0.078	0.025	0.014	0.051	<0.001	<0.001
MW-4-1	0.036	0.026	0.024	0.019	0.033	0.0072
MW-4-2	0.12	0.055	0.042	0.0011	0.0098	<0.001
SW-101	<0.001	<0.001	<0.001	<0.001	<0.001	NA
SW-102	<0.001	NA	NA	NA	<0.001	NA
SW-108	0.0056	NA	NA	NA	0.0019	NA
SW-201	<0.001	NA	NA	NA	0.0052	0.0044
SW-202	<0.001	NA	NA	NA	<0.001	0.00096 J
SW-3	NA	NA	NA	NA	0.3	0.0026
SW-4	NA	NA	NA	NA	0.0039	0.0029

(1) A baseline sampling of DP-2-1 was conducted on July 5, 2006.

< - Concentration less than the Quantitation Limit.

J - Estimated concentration.

M - Sample pH was greater than 2.

uj - Not detected; quantitation limit may be inaccurate or imprecise.

j - Concentration considered an estimate based on data validation.

NA - Not analyzed.

Bolding indicates sample detection.

Shading indicates sample exceeds tetrachloroethene Maximum Contaminant Level (Federal Safe Drinking Water Standards); *Drinking Water Standards and Health Advisories* (USEPA, 2004) value of 0.005 mg/L.

Table 7
Summary of Trichloroethene in Groundwater

STATION	TRICHLOROETHENE (mg/L)					
	9/01/04	12/01/04	02/01/05	09/01/05	Feb/March-06 ⁽¹⁾	11/01/06
A-1	0.049	NA	NA	NA	<0.01 Muj	0.0046
A-2	0.087	<0.002	<0.001	<0.001	<0.001	0.021
A-3	0.029	NA	NA	NA	0.0034	0.026
A-4	0.0024	0.00087 J	0.00048 J	<0.001	<0.001	NA
A-5	0.058	0.004 M	<0.001 Mj	<0.001	0.00088 MJj	NA
A-6	0.022	NA	NA	NA	<0.001	NA
A-7	0.034	NA	NA	NA	0.0046	NA
B-1	0.031	0.0085 MJ	<0.001 Mj	<0.001 M	0.0011 MJ	NA
B-2	0.021	NA	NA	NA	0.0031	0.12
B-3	0.074	NA	NA	NA	<0.001	0.061
B-4	0.028	0.0014	<0.001	<0.001	<0.001 Muj	NA
BW-108	0.0065	NA	NA	NA	0.0012	NA
BW-109	<0.001	NA	NA	NA	<0.001	NA
BW-2	0.035	0.029	0.051	0.0192	0.0192	0.028
BW-201	0.0011	NA	NA	NA	0.00049 J	NA
BW-202	0.0046	NA	NA	NA	0.0014	NA
DP-2-1	NA	NA	NA	NA	0.16	0.042
DP-3-1	0.27	0.046	0.23	0.034	0.021	0.0038
DP-3-2	0.16	NA	NA	NA	0.0025	NA
MLW-1-1	<0.001	<0.001	<0.001	<0.001	<0.001	NA
MLW-1-2	<0.001	<0.001	<0.001	<0.001	<0.001	NA
MLW-1-3	<0.001	<0.001	<0.001	<0.001	<0.001	NA
MLW-1-4	NA	0.00089 J	0.00075 J	0.001	0.0012	NA
MLW-3-1	0.0054	0.0044	<0.1	<0.001	<0.001	<0.001
MLW-3-2	0.0056	0.0019	0.0017	<0.001	0.0015	0.0022
MLW-3-3	0.0019	0.0015	0.0019	<0.001	0.00065 J	<0.001
MLW-3-4	NA	<0.001	0.0017	<0.001	<0.001	<0.001
MW-2-1	0.023	0.022	0.021	0.015	0.016	0.0053
MW-2-2	0.045	0.035	0.038	0.022	0.038	0.022
MW-3D	0.035	0.083	0.058	0.028	0.0058 J	<0.001
MW-4-1	0.069	0.06	0.059	0.052	0.058	0.013
MW-4-2	0.17	0.097	0.081	0.048	0.031	<0.001
SW-101	<0.001	0.0005 J	<0.001	<0.001	<0.001	NA
SW-102	<0.001	NA	NA	NA	<0.001	NA
SW-108	0.0059	NA	NA	NA	0.002	NA
SW-201	<0.001	NA	NA	NA	0.014	0.012
SW-202	<0.001	NA	NA	NA	<0.001	<0.001
SW-3	NA	NA	NA	NA	0.16	0.00089 J
SW-4	NA	NA	NA	NA	0.045	0.036

(1) A baseline sampling of DP-2-1 was conducted on July 5, 2006.

< - Concentration less than the Quantitation Limit.

J - Estimated concentration.

M - Sample pH was greater than 2.

uj - Not detected; quantitation limit may be inaccurate or imprecise.

j - Concentration considered an estimate based on data validation.

NA - Not analyzed.

Bolding indicates sample detection.

Shading indicates sample exceeds trichloroethene Maximum Contaminant Level (Federal Safe Drinking Water Standards); *Drinking Water Standards and Health Advisories* (USEPA, 2004) value of 0.005 mg/L.

Table 8
Summary of cis-1,2-Dichloroethene in Groundwater

STATION	cis-1,2-DICHLOROETHENE (mg/L)					
	09/01/04	12/01/04	02/01/05	09/01/05	Feb/March-06	11/01/06
A-1	0.0044	NA	NA	NA	<0.01 Muj	0.007
A-2	0.0048	0.016 M	0.012	0.0023	0.0014	0.011
A-3	0.002	NA	NA	NA	0.0025	0.016
A-4	<0.001	<0.001	0.0021	0.0024	0.0088	NA
A-5	0.0057	0.018 M	0.028 M	<0.001	0.0015 Mj	NA
A-6	0.0016	NA	NA	NA	0.008	NA
A-7	0.0022	NA	NA	NA	0.0097	NA
B-1	<0.001	0.035 M	0.031 M	<0.001 M	<0.001 Muj	NA
B-2	<0.001	NA	NA	NA	0.017	0.034
B-3	0.0023	NA	NA	NA	0.01	0.078 M
B-4	0.0011	0.035	0.0017	<0.001	0.0029 Mj	NA
BW-108	<0.001	NA	NA	NA	<0.001	NA
BW-109	<0.001	NA	NA	NA	<0.001	NA
BW-2	<0.001	<0.001	0.0012	<0.001	0.0014	0.0021
BW-201	<0.001	NA	NA	NA	<0.001	NA
BW-202	<0.001	NA	NA	NA	<0.001	NA
DP-2-1	NA	NA	NA	NA	0.024⁽¹⁾	0.021
DP-3-1	0.025	0.31 M	0.38 M	0.065	0.021	0.025
DP-3-2	0.0054	NA	NA	NA	0.0036	NA
MLW-1-1	<0.001	<0.001	<0.001	<0.001	<0.001	NA
MLW-1-2	<0.001	<0.001	<0.001	<0.001	<0.001	NA
MLW-1-3	<0.001	<0.001	<0.001	<0.001	<0.001	NA
MLW-1-4	NA	<0.001	<0.001	<0.001	<0.001	NA
MLW-3-1	<0.001	0.0012	<0.1	0.038	0.021	0.032
MLW-3-2	<0.001	<0.001	0.0073	0.043	0.0077	0.0069
MLW-3-3	<0.001	<0.001	0.0026	0.051	0.0037	0.0027
MLW-3-4	NA	<0.001	<0.001	<0.001	0.00095 J	0.00086 J
MW-2-1	0.0042	0.0018	0.0017	0.001 J	<0.001	0.022
MW-2-2	0.0053	0.0032	0.0052	0.0025	0.0043 j	0.014
MW-3D	0.015	0.014	0.0074	0.042	0.097 M	0.015
MW-4-1	0.0037	<0.001	0.00093 J	0.0017	0.0022	0.013
MW-4-2	0.004	0.018	0.015	0.047	0.024	0.0056
SW-101	<0.001	<0.001	<0.001	<0.001	<0.001	NA
SW-102	<0.001	NA	NA	NA	<0.001	NA
SW-108	<0.001	NA	NA	NA	<0.001	NA
SW-201	<0.001	NA	NA	NA	0.00088 J	<0.001
SW-202	<0.001	NA	NA	NA	<0.001	<0.001
SW-3	NA	NA	NA	NA	0.0064	0.23 M
SW-4	NA	NA	NA	NA	<0.001	<0.001

(1) A baseline sampling of DP-2-1 was conducted on July 5, 2006.

< - Concentration less than the Quantitation Limit.

J - Estimated concentration.

M - Sample pH was greater than 2.

uj - Not detected; quantitation limit may be inaccurate or imprecise.

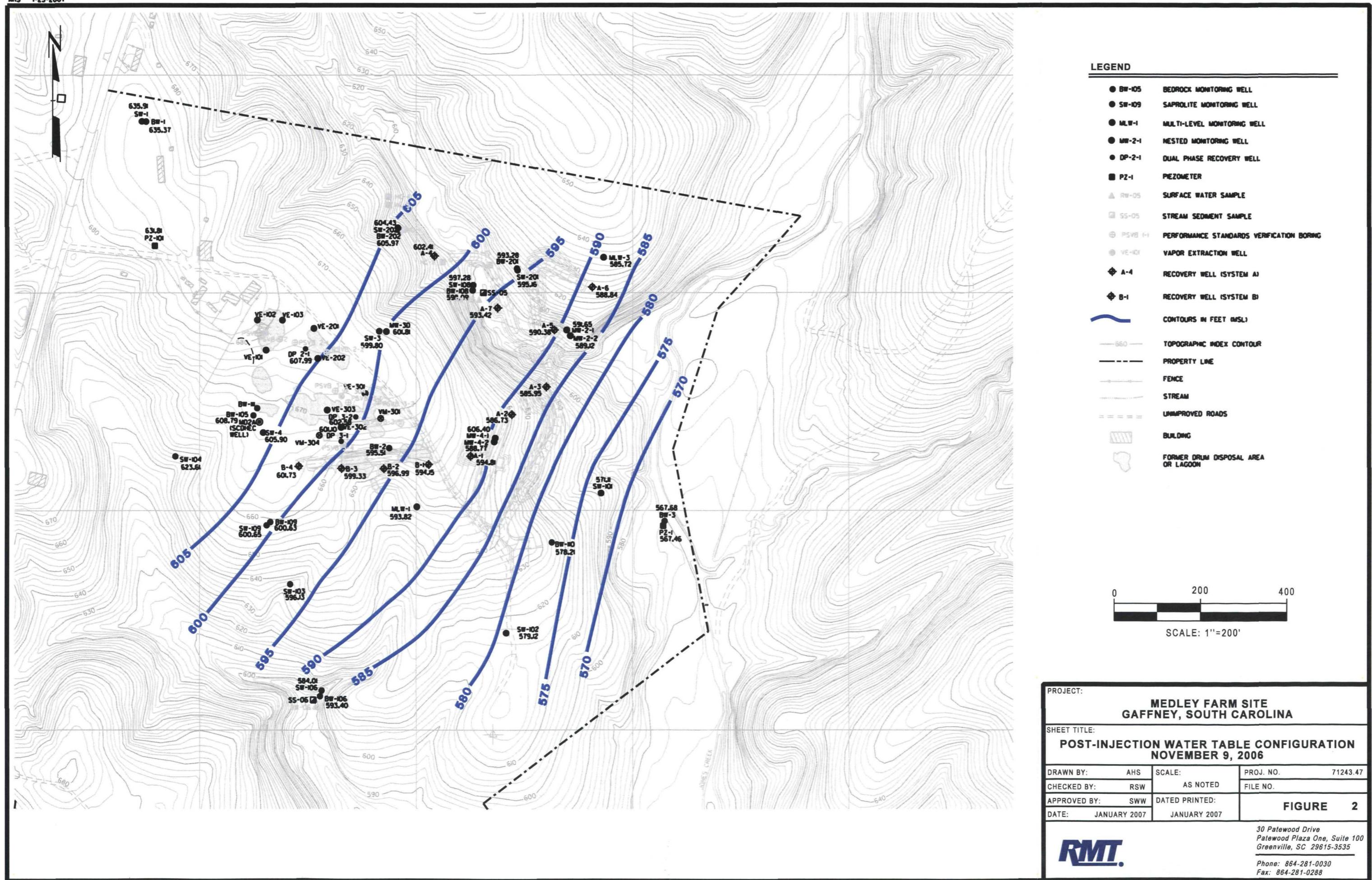
j - Concentration considered an estimate based on data validation.

I - Analyte present; reported value may be biased low.

NA - Not analyzed.

Bolding indicates sample detection.

Shading indicates sample exceeds cis-1,2-DCE Maximum Contaminant Level (Federal Safe Drinking Water Standards); *Drinking Water Standards and Health Advisories* (USEPA, 2004) value of 0.07 mg/L.



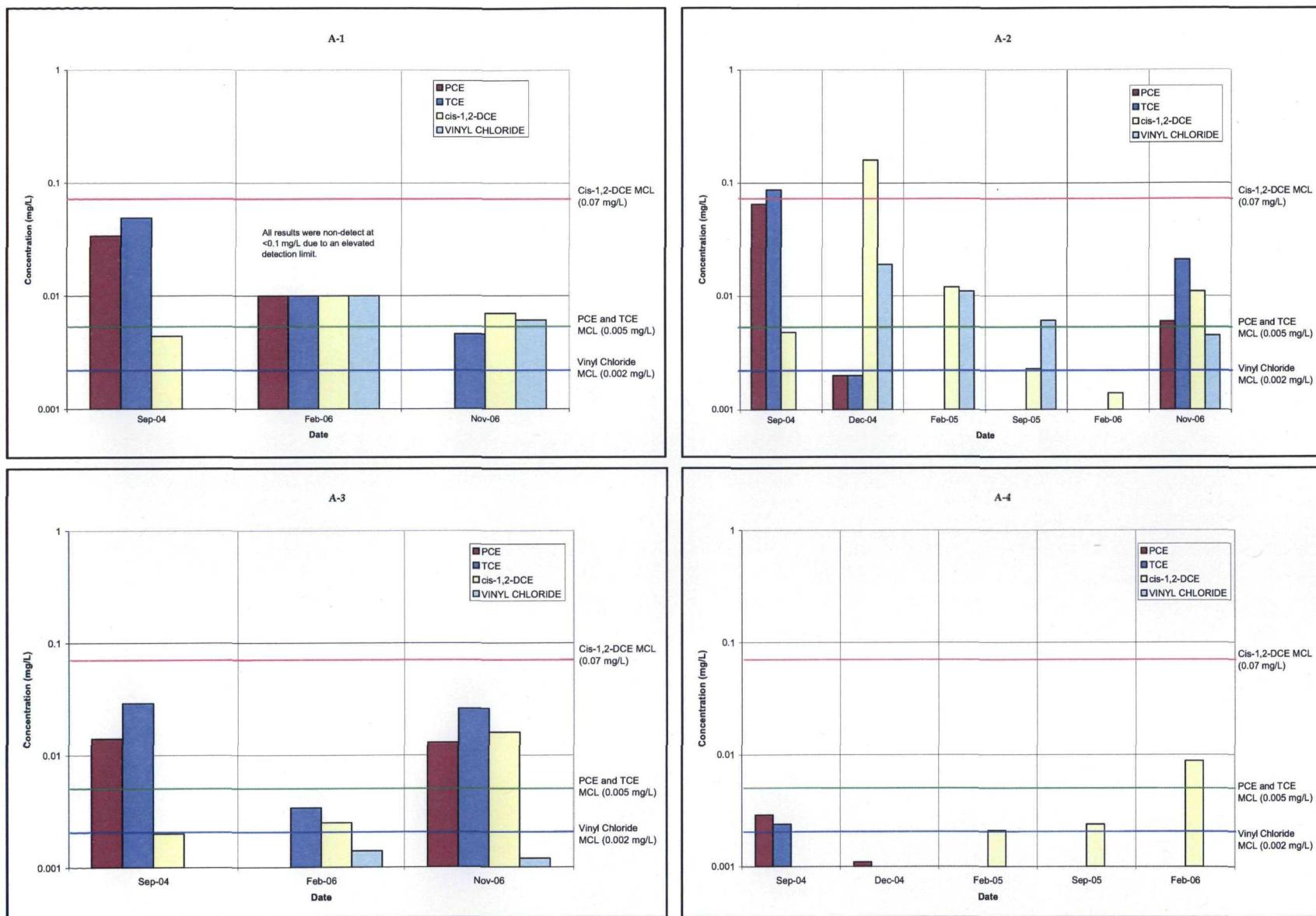


Figure 3
Time versus Concentration Graphs (A-1, A-2, A-3, and A-4)

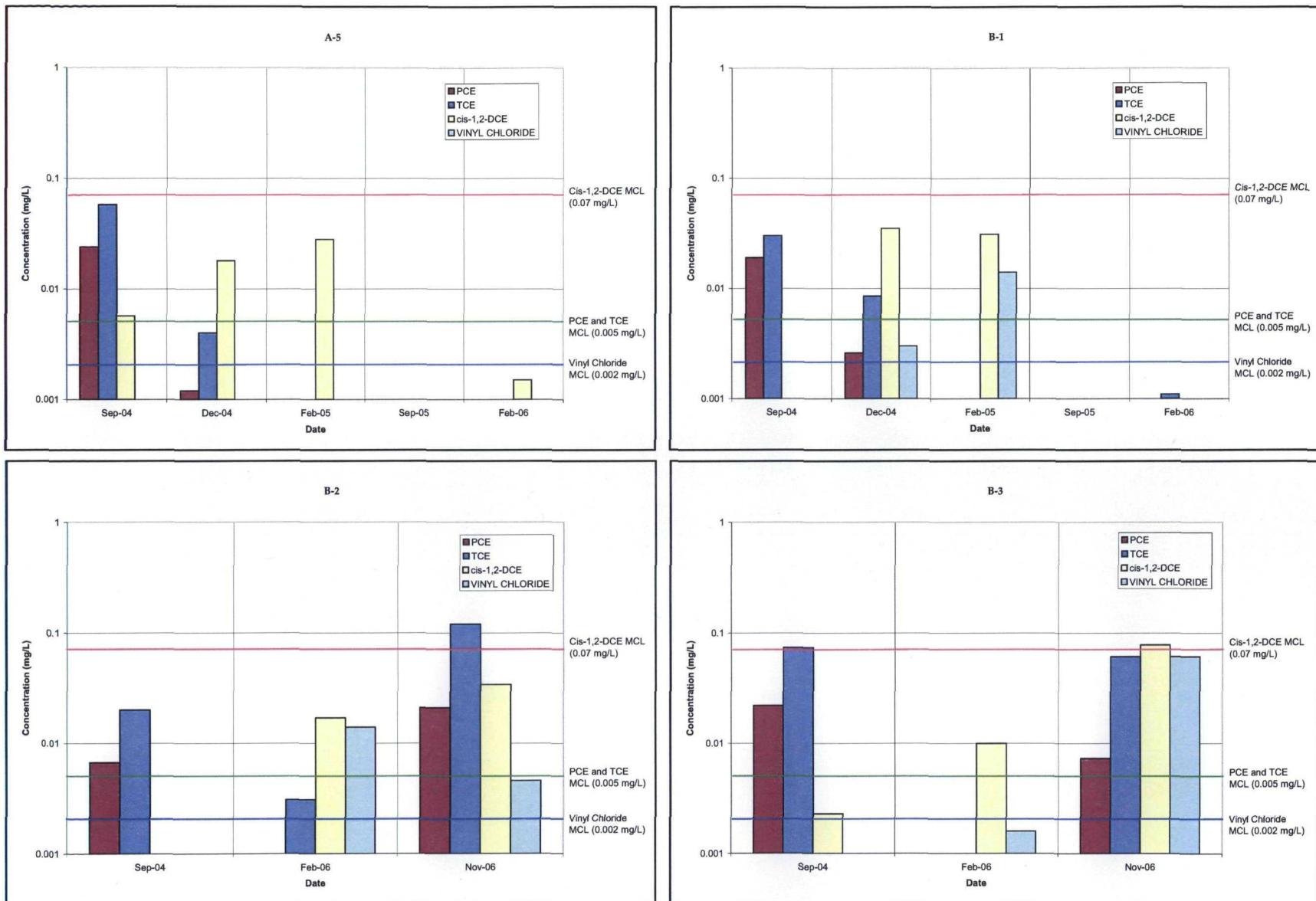


Figure 4
Time versus Concentration Graphs (A-5, B-1, B-2, and B-3)

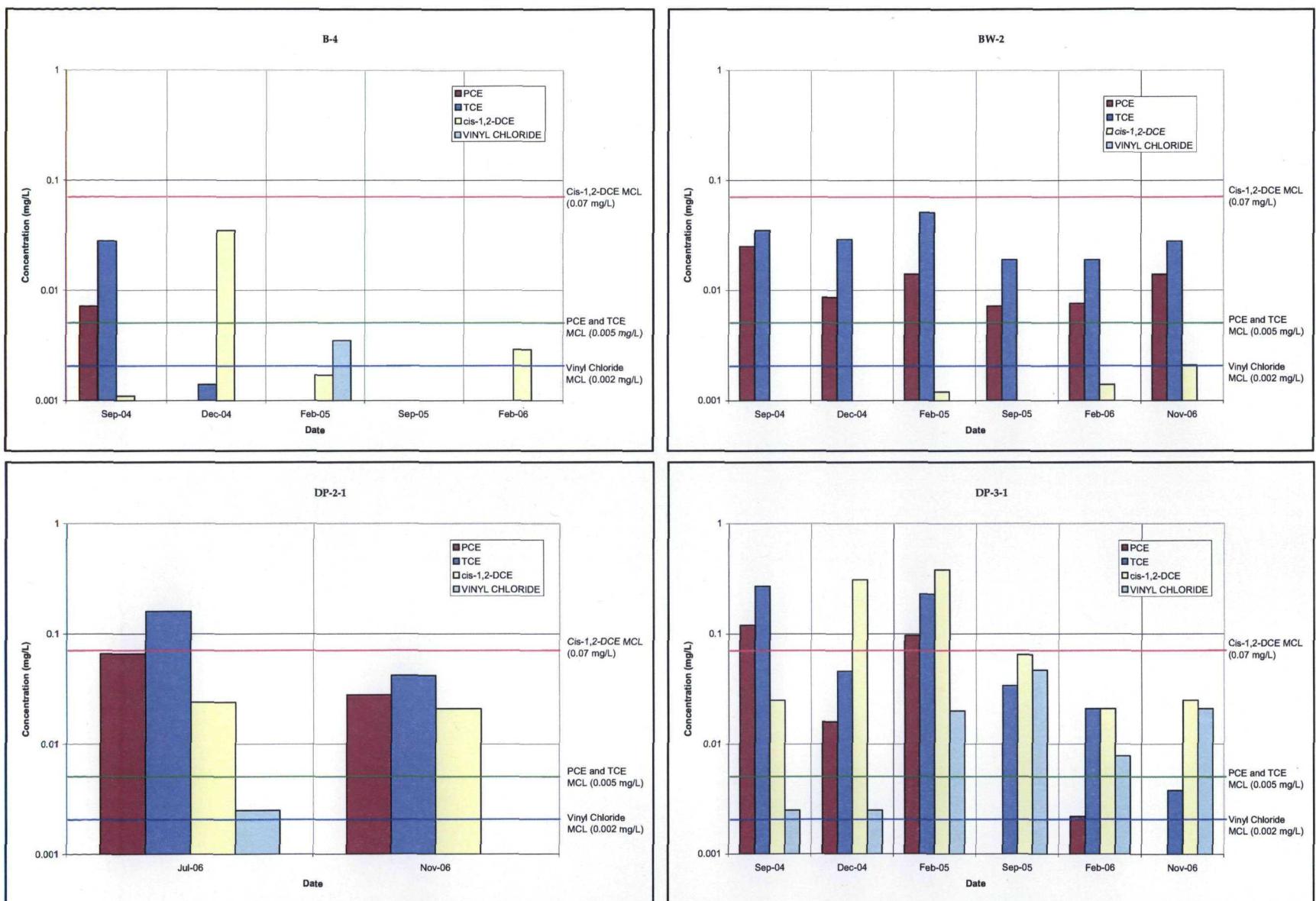


Figure 5
Time versus Concentration Graphs (B-4, BW-2, DP-2-1, and DP-3-1)

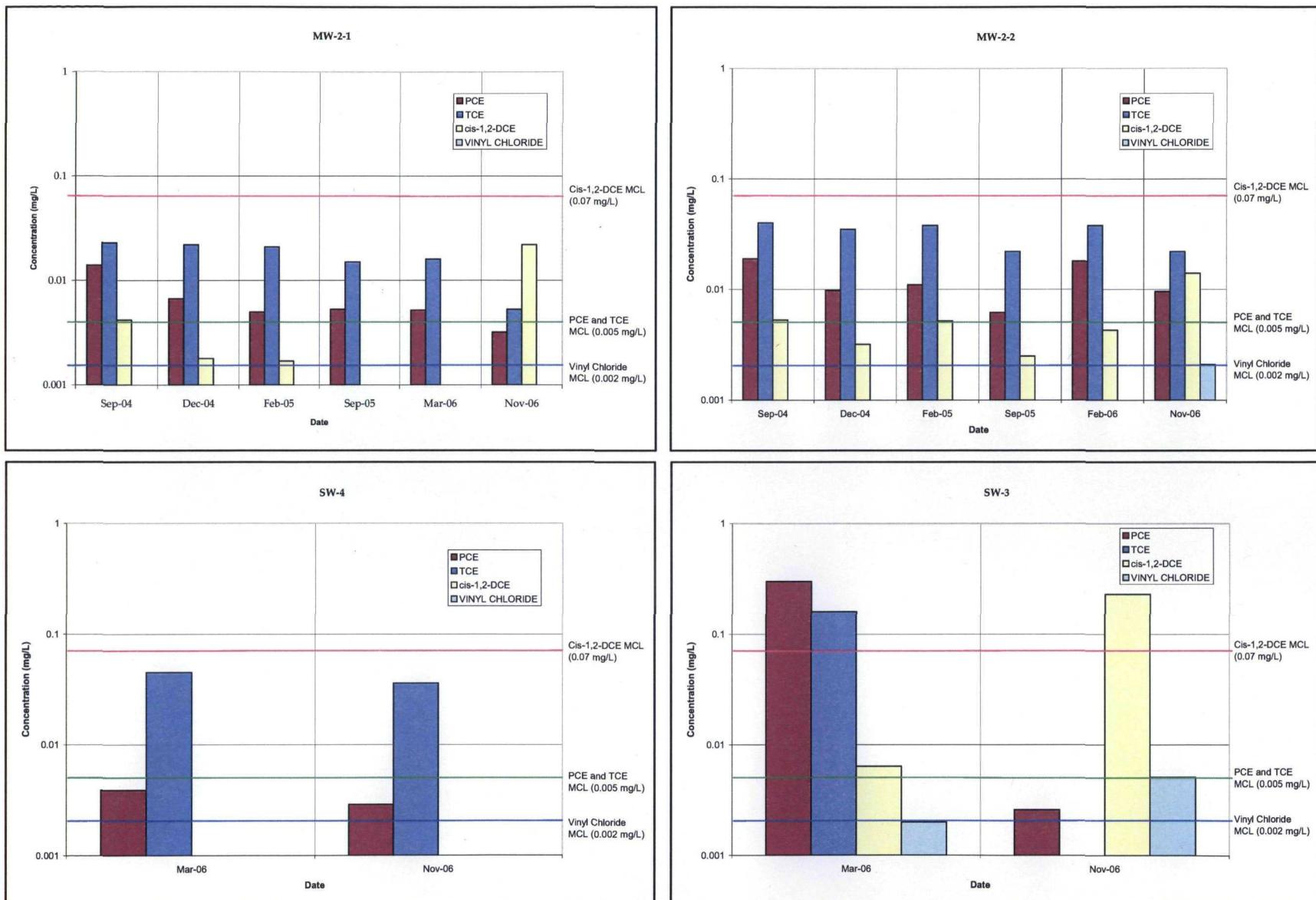


Figure 6
Time versus Concentration Graphs (MW-2-1, MW-2-2, SW-3, and SW-4)

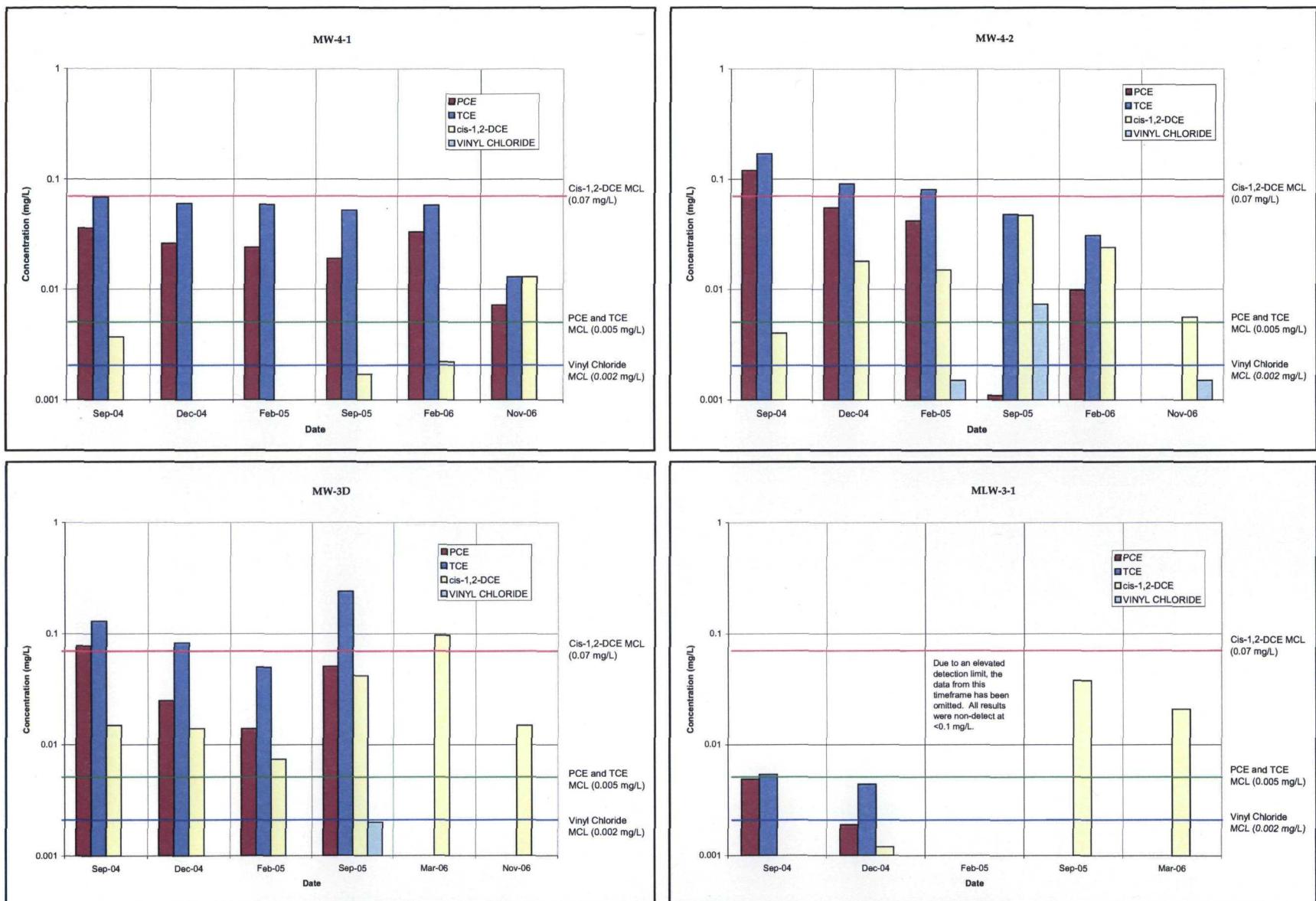


Figure 7
Time versus Concentration Graphs (MW-4-1, MW-4-2, MW-3D, and MLW-3-1)

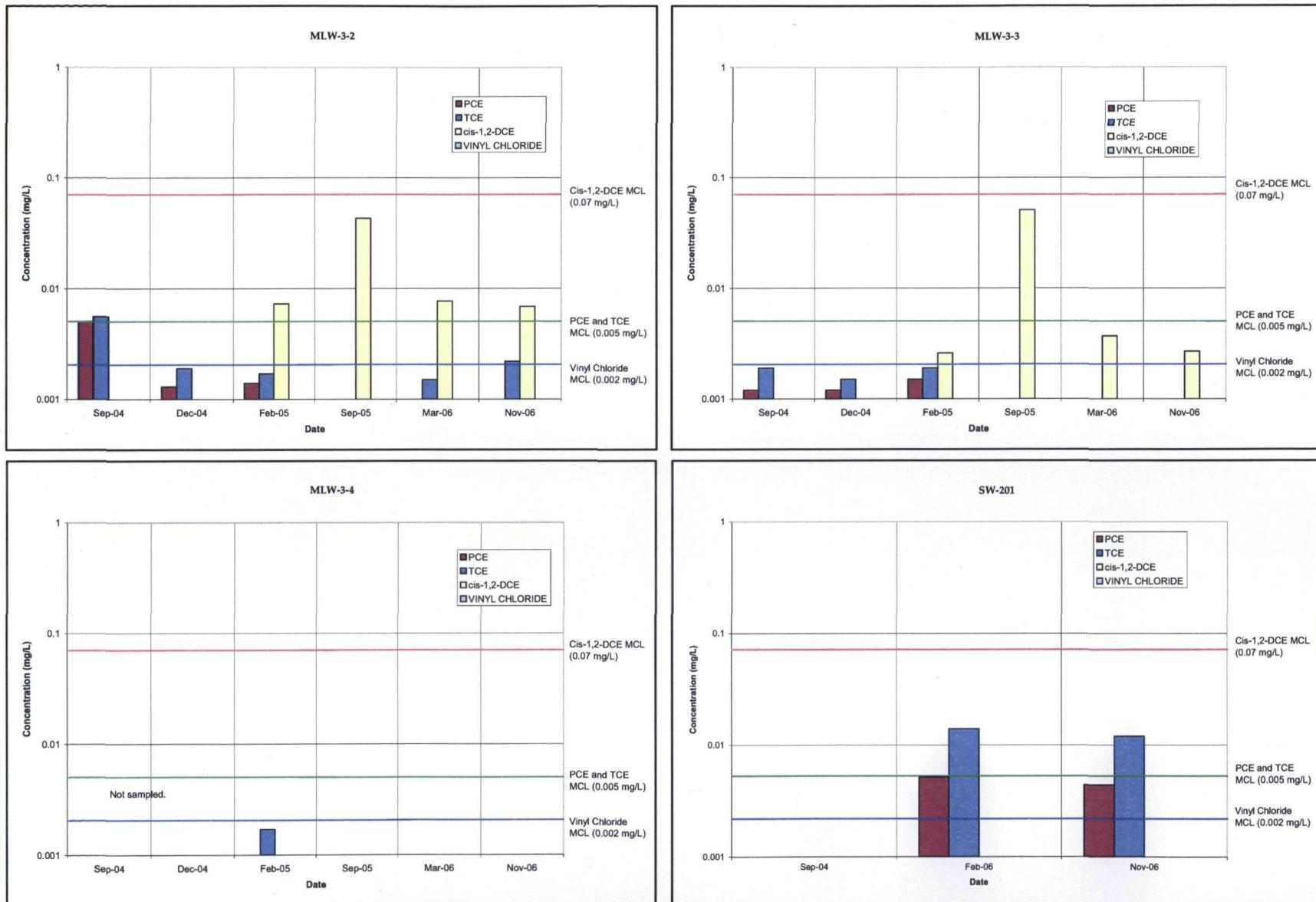


Figure 8
Time versus Concentration Graphs (MLW-3-2, MLW-3-3, MW-3D, MLW-3-4, and SW-201)

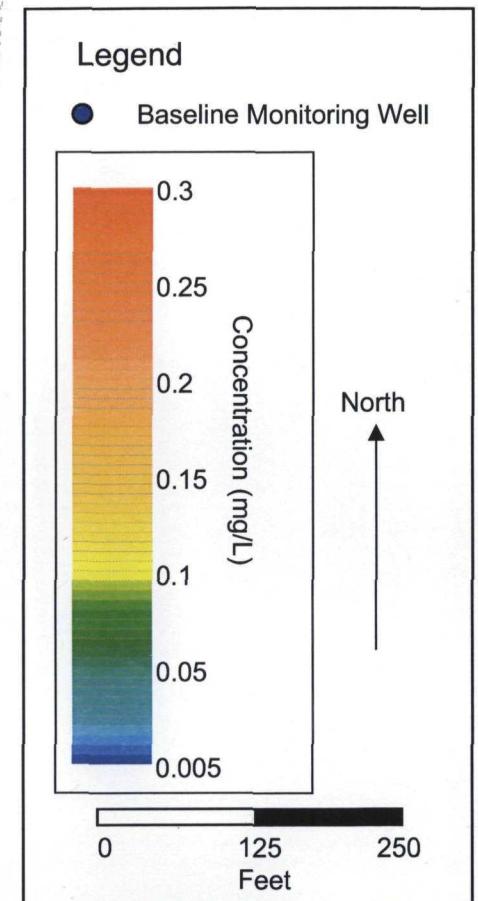
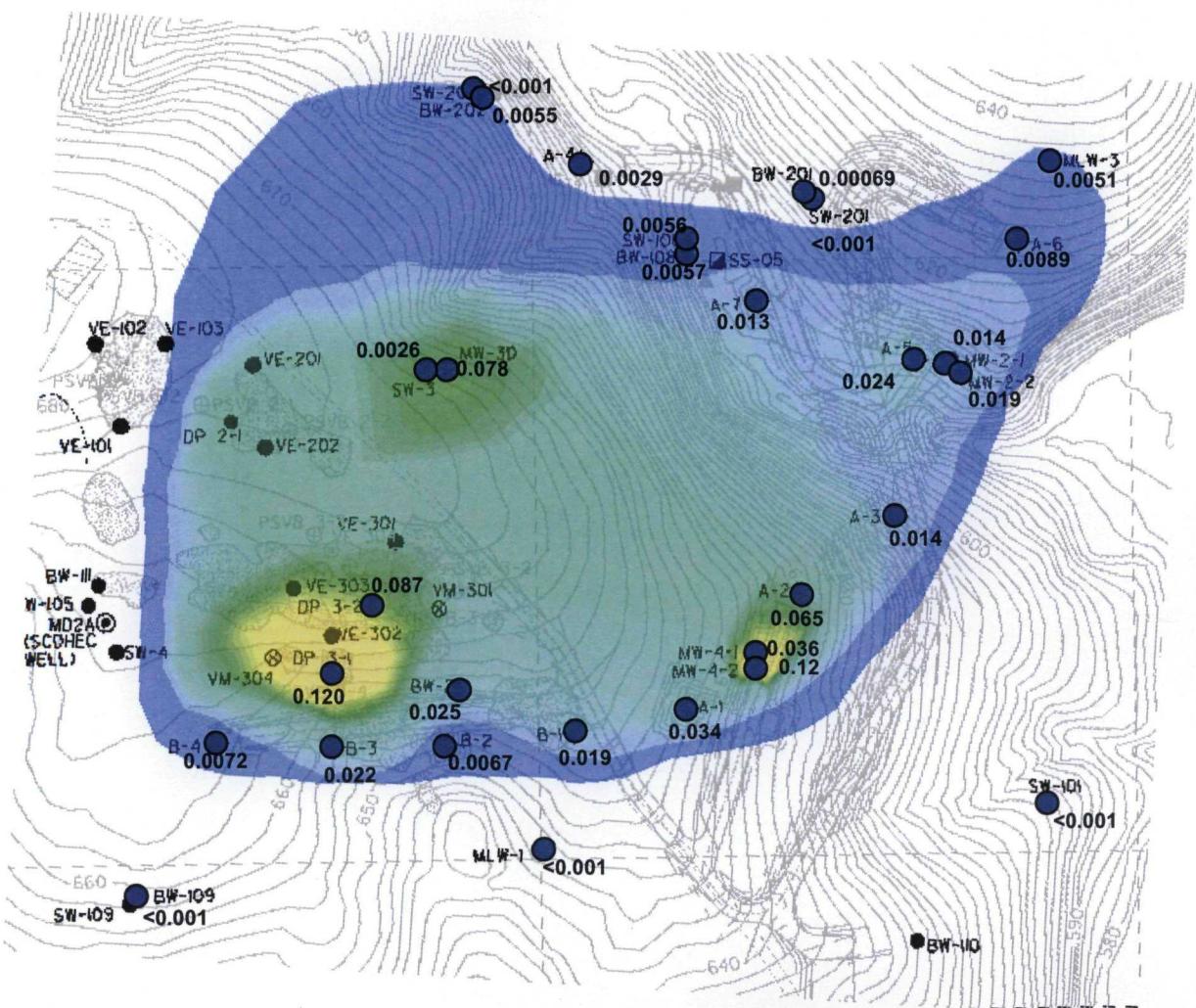


Figure 9
Distribution of Tetrachloroethene in Groundwater
September 2004

RMT.

Medley Farm Site Gaffney, South Carolina

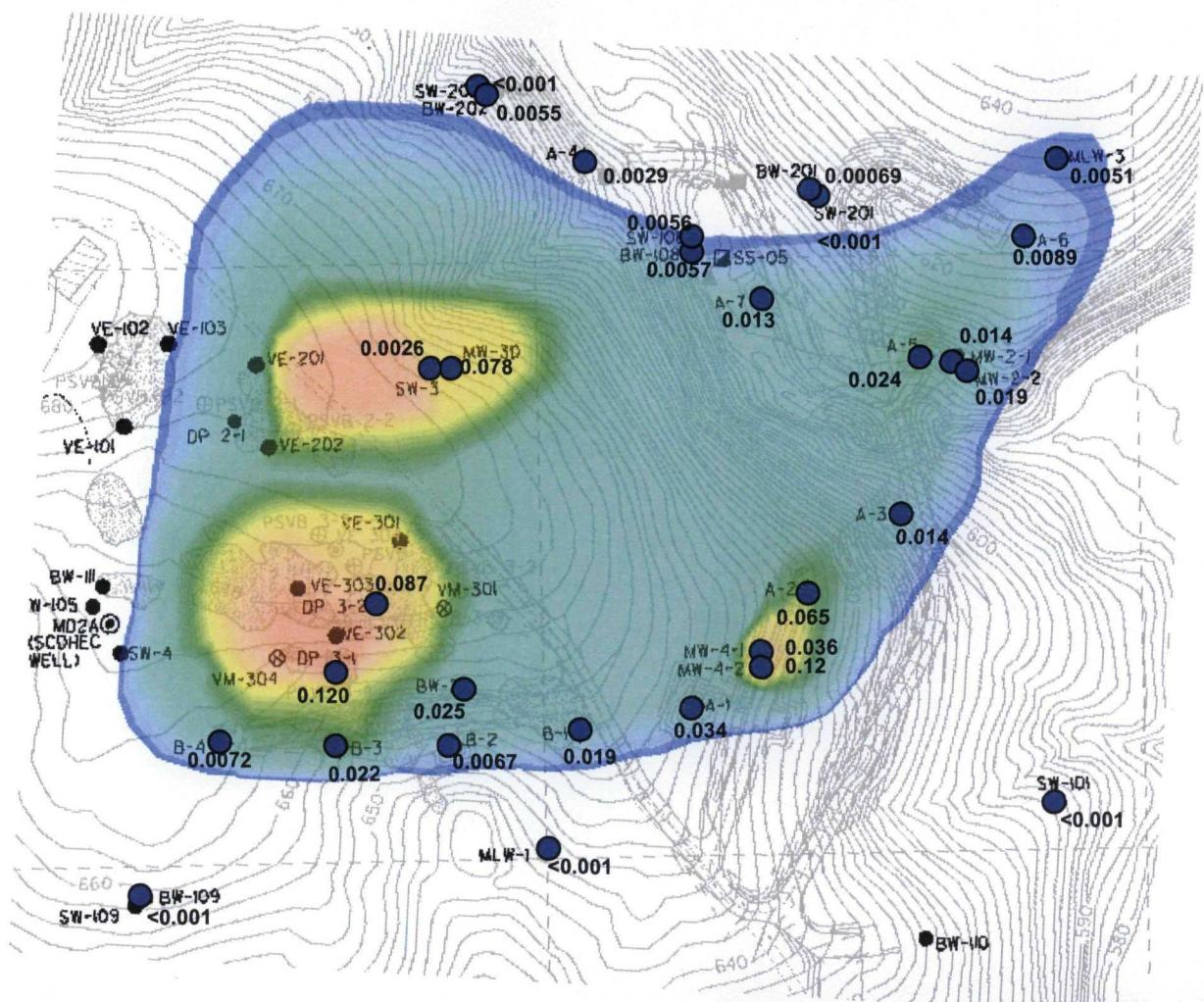
Drawn By: CLC

Approved By:

Project No.

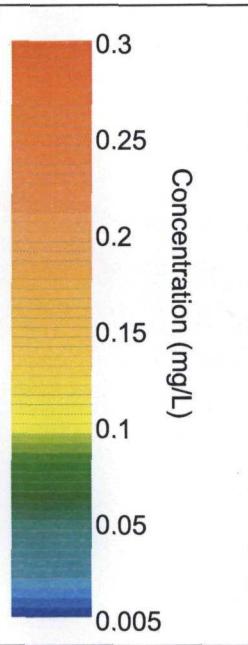
File No.

Date: February 2007



Legend

● Baseline Monitoring Well



North

0 125 250
Feet

RMT.

Figure 10
Distribution of Trichloroethene in Groundwater
September 2004

Medley Farm Site
Gaffney, South Carolina

Drawn By: CLC

Approved By:

Project No.

File No.

Date: February 2007

Section 4

Conclusions and Recommendations

4.1 Conclusions

The lactate-based nutrient injection events at the site continue to be successful in creating and maintaining an anaerobic and reducing environment, thus facilitating and enhancing degradation of PCE and TCE in groundwater as measured at the injection and monitoring points. While generation of daughter compounds of *cis*-1,2-DCE and vinyl chloride has been observed at the injection and monitoring wells, data collected since the baseline sampling in September 2004 have also shown that ongoing reduction of these daughter compounds is also occurring in groundwater at the site. Vinyl chloride levels, in particular, have attenuated rapidly across the site.

In 2006 several wells were used to monitor the progress of injection within and beyond the points of injection. Even with the change in groundwater sampling methods in the A- and B-series wells and the measured difference in concentrations in those wells, a significant reduction in concentration and improvement in groundwater quality at the site was observed in 2006. The following summarizes important observations in groundwater quality at the site:

- The number of wells with groundwater concentrations of PCE and TCE that were greater than the remediation target level of 0.005 mg/l has fallen from 65 percent of the wells sampled during baseline conditions to 36 percent of the wells sampled in November 2006. These reductions in PCE concentrations across the site account for an average reduction of 80 percent decrease in the injection wells and 62 percent decrease in the monitoring wells. Similarly for TCE, the average reduction in concentrations was 76 percent in injection wells and 57 percent in monitoring wells.
- Nutrient injection has also been successful in reducing concentrations to below the remediation target levels at DP-3-1 and the surrounding monitoring wells. DP-3-1 is located within one of the former VOC source areas and has historically contained the highest concentrations of PCE and TCE at the site.
- The most telling indicator that the lactate injection is successful in increasing the rate of reductive dechlorination at the site is the observed decrease in the concentrations of parent compounds PCE and TCE and the subsequent production and attenuation of daughter products in the monitoring wells where no lactate injection occurred. These concentration changes clearly demonstrate that the zone of influence of the injection system and conditions conducive to reductive dechlorination extend both vertically and laterally from the point of injection into the aquifer.

4.2 Recommendations

Based on our review of the performance data collected in 2006, RMT recommends that active treatment measures be temporarily suspended and the site groundwater be allowed to re-equilibrate. RMT further recommends that a site-wide groundwater monitoring event be conducted in September 2007. The purpose of this site-wide monitoring event would be to:

- evaluate aquifer conditions and groundwater quality in all wells at the site including the A- and B-series wells that were not sampled in November 2006,
- determine if VOC rebound in groundwater occurs, and
- assess whether additional nutrient injection is necessary at the site or if VOCs in groundwater at the site have been sufficiently reduced to a point where natural attenuation processes can be integrated as the primary means for mitigating contaminant transport.

If VOC levels in groundwater indicate that additional nutrient injection is necessary to achieve levels that no longer represent a human health or ecological risk to reasonable surface or groundwater receptors, then a proposal for additional nutrient injection will be presented to the Agencies for implementation during the fourth quarter of 2007. If site-wide groundwater data indicate that VOC concentrations have achieved levels that do not pose a risk to human health or the environment and have not appreciably increased with time, we would recommend that the responsible parties be approved to enter a period of MNA for two years or until site VOCs achieve asymptotic values above the target remediation levels in accordance with the Sampling and Analysis Plan included in the PSVP. During this two year time frame, semiannual monitoring for site VOCs will be conducted in selected monitoring wells to verify the continuing attenuation of the VOC plume. The monitoring program proposed for MNA sampling would be determined by the groundwater quality at the time of the site-wide sampling event.

Furthermore, at the end of the designated MNA period, if the plume has further degraded or has maintained steady-state conditions at sufficiently low levels, a determination of NFA will be requested and technically justified. It is RMT's opinion that a cost-benefit analysis conducted at this point in the project would likely show the technical impracticability of further active remedial action.

Section 5 References

- RMT. 1993. *Performance Standards Verification Field Sampling and Analysis Plan*. Prepared for the Medley Farm Site Steering Committee. August 1993.
- RMT. 2001. *2000 Remedial Action Annual Report, Medley Farm NPL Site*. Prepared for The Medley Farm Site Steering Committee. March 2001 (revised June 2001).
- RMT. 2004. *Revised Workplan and Design Report for Reductive Dechlorination*. Prepared for the Medley Farm Site Steering Committee. June 2004, Revised August 2004.

Appendix A

Water Table Elevation Summary Table

(September 2004 through November 2006)

Table A-1
Summary of Groundwater Elevations

Station	Measuring Point Elevation	Water Table Elevation		Water Table Elevation		Water Table Elevation		Water Table Elevation	
		09/14/04	09/14/04	09/30/04	09/30/04	12/13/04	12/13/04	01/18/05	01/18/05
A-1	651.73	63.52	588.21	NM	NM	61.45	590.28	60.97	590.76
A-2	643.31	59.88	583.43	NM	NM	58.62	584.69	58.30	585.01
A-3	604.67	21.27	583.40	NM	NM	20.20	584.47	19.61	585.06
A-4	618.09	21.80	596.29	NM	NM	18.57	599.52	17.65	600.44
A-5	603.21	17.65	585.56	21.00	582.21	14.98	588.23	14.55	588.66
A-6	632.09	47.51	584.58	NM	NM	45.29	586.80	44.64	587.45
A-7	605.10	17.83	587.27	NM	NM	14.15	590.95	13.30	591.80
B-1	660.55	74.37	586.18	NM	NM	70.96	589.59	70.13	590.42
B-2	661.56	73.05	588.51	NM	NM	69.20	592.36	68.42	593.14
B-3	661.84	72.81	589.03	NM	NM	68.64	593.20	67.54	594.30
B-4	665.81	75.55	590.26	NM	NM	71.13	594.68	69.84	595.97
BW-1	689.90	51.34	638.56	NM	NM	51.72	638.18	51.73	638.17
BW-105	671.55	69.15	602.40	NM	NM	66.10	605.45	64.84	606.71
BW-106	595.76	8.31	587.45	NM	NM	4.82	590.94	4.58	591.18
BW-108	605.64	15.50	590.14	NM	NM	11.43	594.21	10.28	595.36
BW-109	661.47	71.80	589.67	NM	NM	67.23	594.24	65.92	595.55
BW-110	626.36	49.24	577.12	NM	NM	48.60	577.76	48.51	577.85
BW-2	662.99	75.57	587.42	NM	NM	72.02	590.97	71.17	591.82
BW-201	618.29	30.68	587.61	NM	NM	27.45	590.84	26.59	591.70
BW-202	636.79	32.94	603.85	NM	NM	31.35	605.44	31.05	605.74
BW-3	574.82	6.74	568.08	NM	NM	6.50	568.32	6.61	568.21
BW-4	564.32	NM	NM	NM	NM	5.46	558.86	5.64	558.68
DP-2-1	677.84	NM	NM	NM	NM	NM	NM	NM	NM
DP-3-1	665.78	NM	NM	NM	NM	NM	NM	NM	NM
DP-3-2	672.83	NM	NM	97.60	575.23	77.05	595.78	76.58	596.25
MLW-1-1	653.32	--	582.59	NM	NM	--	585.30	--	586.84

Table A-1
Summary of Groundwater Elevations

Station	Measuring Point Elevation	Depth To Water (^a) Elevation	Water Table Elevation	Depth To Water (^a) Elevation	Water Table Elevation	Depth To Water (^a) Elevation	Water Table Elevation	Depth To Water (^a) Elevation	Water Table Elevation
		09/14/04	09/14/04	09/30/04	09/30/04	12/13/04	12/13/04	01/18/05	01/18/05
MLW-1-2	653.32	--	584.39	NM	NM	--	587.37	--	589.00
MLW-1-3	653.32	--	585.96	NM	NM	--	588.69	--	590.67
MLW-1-4	653.32	--	586.95	NM	NM	--	589.84	--	591.53
MLW-3-1	636.68	--	581.34	NM	NM	--	583.14	--	584.80
MLW-3-2	636.68	--	580.89	NM	NM	--	582.70	--	584.26
MLW-3-3	636.68	--	582.12	NM	NM	--	583.81	--	585.37
MLW-3-4	636.68	--	581.57	NM	NM	--	583.02	--	584.63
MW-2-1	602.80	20.55	582.25	NM	NM	26.29	576.51	20.18	582.62
MW-2-2	602.42	17.57	584.85	NM	NM	15.41	587.01	14.82	587.60
MW-3D	670.28	79.98	590.30	NM	NM	75.49	594.79	74.30	595.98
MW-4-1	644.80	64.80	580.00	NM	NM	75.35	569.45	74.50	570.30
MW-4-2	644.60	60.77	583.83	NM	NM	58.79	585.81	58.27	586.33
PZ-1	575.41	7.46	567.95	NM	NM	6.97	568.44	7.15	568.26
PZ-101	688.49	54.25	634.24	NM	NM	54.61	633.88	54.85	633.64
SW-1	690.47	52.06	638.41	NM	NM	52.33	638.14	52.42	638.05
SW-101	604.18	32.72	571.46	NM	NM	32.32	571.86	32.39	571.79
SW-102	620.07	42.40	577.67	NM	NM	41.30	578.77	41.17	578.90
SW-103	635.68	Dry	Dry	NM	NM	43.15	592.53	42.35	593.33
SW-104	649.85	23.90	625.95	NM	NM	22.68	627.17	22.21	627.64
SW-106	596.12	15.03	581.09	NM	NM	13.17	582.95	12.09	584.03
SW-108	605.28	17.17	588.11	NM	NM	12.70	592.58	11.50	593.78
SW-109	661.26	Dry	Dry	NM	NM	Dry	Dry	Dry	Dry
SW-201	620.68	31.27	589.41	NM	NM	28.74	591.94	27.58	593.10
SW-202	636.93	36.20	600.73	NM	NM	34.19	602.74	33.53	603.40
SW-3	671.31	Dry	Dry	NM	NM	77.88	593.43	76.42	594.89
SW-4	671.39	Dry	Dry	NM	NM	Dry	Dry	Dry	Dry

⁽¹⁾ Elevation in feet above mean sea level (msl).

⁽²⁾ Depth in feet below top of well casing.

NM - Not measured.

Table A-1
Summary of Groundwater Elevations

Station	Measuring Point Elevation	Depth To Water 02/14/05	Water Table Elevation	Depth To Water 07/11/05	Water Table Elevation	Depth To Water 09/07/05	Water Table Elevation	Depth To Water 10/28/05	Water Table Elevation
			02/14/05		07/11/05		09/07/05		10/28/05
A-1	651.73	60.25	591.48	57.32	594.41	57.33	594.40	57.23	594.50
A-2	643.31	57.58	585.73	56.51	586.80	56.21	587.10	56.26	587.05
A-3	604.67	18.95	585.72	18.28	586.39	18.23	586.44	18.44	586.23
A-4	618.09	16.86	601.23	15.11	602.98	15.42	602.67	15.47	602.62
A-5	603.21	13.46	589.75	12.28	590.93	12.43	590.78	12.62	590.59
A-6	632.09	43.87	588.22	42.29	589.80	42.37	589.72	42.68	589.41
A-7	605.10	12.50	592.60	11.00	594.10	11.48	593.62	11.53	593.57
B-1	660.55	69.40	591.15	66.52	594.03	66.54	594.01	66.56	593.99
B-2	661.56	67.57	593.99	64.70	596.86	64.75	596.81	65.02	596.54
B-3	661.84	66.57	595.27	62.95	598.89	62.76	599.08	62.85	598.99
B-4	665.81	68.71	597.10	64.91	600.90	64.65	601.16	64.75	601.06
BW-1	689.90	50.98	638.92	50.95	638.95	51.22	638.68	52.07	637.83
BW-105	671.55	64.51	607.04	61.75	609.80	61.58	609.97	61.95	609.60
BW-106	595.76	4.00	591.76	2.29	593.47	2.37	593.39	2.61	593.15
BW-108	605.64	9.34	596.30	7.20	598.44	7.51	598.13	7.46	598.18
BW-109	661.47	65.07	596.40	61.39	600.08	61.23	600.24	61.41	600.06
BW-110	626.36	48.00	578.36	47.78	578.58	47.75	578.61	48.00	578.36
BW-2	662.99	70.30	592.69	67.70	595.29	67.63	595.36	67.93	595.06
BW-201	618.29	25.80	592.49	24.28	594.01	24.64	593.65	24.74	593.55
BW-202	636.79	30.64	606.15	29.75	607.04	29.93	606.86	30.16	606.63
BW-3	574.82	6.70	568.12	6.98	567.84	7.26	567.56	7.05	567.77
BW-4	564.32	5.76	558.56	6.07	558.25	6.58	557.74	6.07	558.25
DP-2-1	677.84	NM	NM	69.77	608.07	69.72	608.12	69.90	607.94
DP-3-1	665.78	NM	NM	65.33	600.45	65.09	600.69	65.21	600.57
DP-3-2	672.83	NM	NM	70.95	601.88	70.73	602.10	70.80	602.03
MLW-1-1	653.32	--	587.10	--	588.86	--	588.83	--	588.83

Table A-1
Summary of Groundwater Elevations

Station	Measuring Point Elevations	Depth To Water ⁽¹⁾	Water Table Elevation ⁽¹⁾	Depth To Water ⁽²⁾	Water Table Elevation ⁽²⁾	Depth To Water ⁽³⁾	Water Table Elevation ⁽³⁾	Depth To Water ⁽⁴⁾	Water Table Elevation ⁽⁴⁾
		02/14/05	02/14/05	07/11/05	07/11/05	09/07/05	09/07/05	10/28/05	10/28/05
MLW-1-2	653.32	--	589.33	--	591.48	--	591.50	--	591.19
MLW-1-3	653.32	--	591.15	--	593.65	--	593.73	--	593.30
MLW-1-4	653.32	--	591.81	--	594.37	--	594.42	--	594.04
MLW-3-1	636.68	--	584.99	--	586.32	--	586.32	--	586.00
MLW-3-2	636.68	--	584.43	--	585.98	--	585.91	--	585.62
MLW-3-3	636.68	--	585.53	--	587.07	--	587.03	--	586.72
MLW-3-4	636.68	--	584.81	--	586.51	--	586.55	--	586.18
MW-2-1	602.80	16.87	585.93	12.90	589.90	12.58	590.22	18.83	583.97
MW-2-2	602.42	13.93	588.49	12.80	589.62	13.05	589.37	13.17	589.25
MW-3D	670.28	73.09	597.19	69.39	600.89	69.12	601.16	69.19	601.09
MW-4-1	644.80	69.78	575.02	60.05	584.75	58.28	586.52	60.23	584.57
MW-4-2	644.60	57.60	587.00	55.84	588.76	55.78	588.82	56.12	588.48
PZ-1	575.41	7.32	568.09	7.75	567.66	8.50	566.91	7.81	567.60
PZ-101	688.49	54.74	633.75	54.19	634.30	54.08	634.41	54.56	633.93
SW-1	690.47	52.25	638.22	51.61	638.86	51.94	638.53	52.76	637.71
SW-101	604.18	32.37	571.81	32.60	571.58	33.05	571.13	32.93	571.25
SW-102	620.07	40.85	579.22	40.08	579.99	40.29	579.78	40.73	579.34
SW-103	635.68	41.49	594.19	38.52	597.16	38.68	597.00	39.32	596.36
SW-104	649.85	22.43	627.42	21.78	628.07	23.27	626.58	24.81	625.04
SW-106	596.12	11.80	584.32	10.51	585.61	11.65	584.47	12.02	584.10
SW-108	605.28	10.75	594.53	9.11	596.17	9.50	595.78	9.45	595.83
SW-109	661.26	Dry	Dry	61.30	599.96	61.11	600.15	61.18	600.08
SW-201	620.68	26.56	594.12	24.38	596.30	24.82	595.86	25.22	595.46
SW-202	636.93	32.93	604.00	31.63	605.30	31.96	604.97	32.22	604.71
SW-3	671.31	75.18	596.13	72.24	599.07	71.90	599.41	71.90	599.41
SW-4	671.39	Dry	Dry	67.70	603.69	66.91	604.48	66.76	604.63

⁽¹⁾ Elevation in feet above mean sea level (msl).

⁽²⁾ Depth in feet below top of well casing.

NM - Not measured.

Table A-1
Summary of Groundwater Elevations

Station	Measuring Point Elevation	Water Table Elevation									
		01/04/06	01/04/06	02/15/06	02/15/06	07/06/06	07/06/06	11/09/06	11/09/06	11/09/06	11/09/06
A-1	651.73	56.53	595.20	56.41	595.32	56.35	595.38	56.92	594.81		
A-2	643.31	56	587.31	55.68	587.63	55.46	587.85	56.58	586.73		
A-3	604.67	17.8	586.87	17.98	586.69	17.96	586.71	18.72	585.95		
A-4	618.09	14.67	603.42	14.69	603.40	15.23	602.86	15.68	602.41		
A-5	603.21	12.1	591.11	12.3	590.91	12.29	590.92	12.83	590.38		
A-6	632.09	42.16	589.93	42.28	589.81	42.55	589.54	43.25	588.84		
A-7	605.10	10.7	594.40	10.75	594.35	11.14	593.96	11.68	593.42		
B-1	660.55	66.13	594.42	66.07	594.48	66.34	594.21	66.4	594.15		
B-2	661.56	64.3	597.26	64.3	597.26	64.27	597.29	64.57	596.99		
B-3	661.84	61.86	599.98	61.92	599.92	61.87	599.97	62.51	599.33		
B-4	665.81	63.86	601.95	63.79	602.02	63.7	602.11	64.08	601.73		
BW-1	689.90	52.5	637.40	52.67	637.23	53.05	636.85	54.53	635.37		
BW-105	671.55	61.47	610.08	60.51	611.04	61.74	609.81	62.76	608.79		
BW-106	595.76	1.97	593.79	1.9	593.86	2.07	593.69	2.36	593.40		
BW-108	605.64	6.83	598.81	6.65	598.99	6.85	598.79	7.55	598.09		
BW-109	661.47	60.33	601.14	60.54	600.93	60.38	601.09	60.84	600.63		
BW-110	626.36	47.65	578.71	47.62	578.74	47.84	578.52	48.15	578.21		
BW-2	662.99	67.2	595.79	66.5	596.49	67.05	595.94	67.48	595.51		
BW-201	618.29	23.9	594.39	24.08	594.21	24.52	593.77	25.01	593.28		
BW-202	636.79	29.83	606.96	29.93	606.86	30.33	606.46	30.82	605.97		
BW-3	574.82	6.13	568.69	7	567.82	7.2	567.62	7.14	567.68		
BW-4	564.32	5.05	559.27	5.55	558.77	6.2	558.12	6.15	558.17		
DP-2-1	677.84	69.33	608.51	69.25	608.59	69.71	608.13	69.85	607.99		
DP-3-1	665.78	64.08	601.70	63.99	601.79	63.96	601.82	64.68	601.10		
DP-3-2	672.83	69.7	603.13	69.56	603.27	69.79	603.04	70.25	602.58		
MLW-1-1	653.32	--	588.93	--	589.30	--	588.98	--	588.32		

Table A-1
Summary of Groundwater Elevations

Station	Measuring Point Elevation	Depth To Water (⁽¹⁾)	Water Table Elevation	Depth To Water (⁽²⁾)	Water Table Elevation	Depth To Water (⁽¹⁾)	Water Table Elevation	Depth To Water (⁽²⁾)	Water Table Elevation
		01/04/06	01/04/06	02/15/06	02/15/06	07/06/06	07/06/06	11/09/06	11/09/06
MLW-1-2	653.32	--	591.64	--	592.06	--	591.46	--	591.11
MLW-1-3	653.32	--	593.84	--	594.29	--	594.14	--	593.24
MLW-1-4	653.32	--	594.52	--	594.99	--	594.68	--	593.82
MLW-3-1	636.68	--	586.17	--	586.47	--	586.13	--	585.12
MLW-3-2	636.68	--	585.82	--	586.14	--	585.76	--	584.59
MLW-3-3	636.68	--	586.90	--	587.23	--	586.86	--	585.72
MLW-3-4	636.68	--	586.30	--	586.57	--	586.21	--	585.11
MW-2-1	602.80	13.45	589.35	12.83	589.97	12.61	590.19	11.15	591.65
MW-2-2	602.42	12.4	590.02	12.6	589.82	12.85	589.57	13.3	589.12
MW-3D	670.28	67.99	602.29	68.15	602.13	68	602.28	68.47	601.81
MW-4-1	644.80	57.86	586.94	57.2	587.60	57.59	587.21	38.4	606.40
MW-4-2	644.60	55.2	589.40	55.24	589.36	55.38	589.22	55.83	588.77
PZ-1	575.41	6.05	569.36	7.37	568.04	7.94	567.47	7.95	567.46
PZ-101	688.49	55.07	633.42	55.02	633.47	55.67	632.82	56.68	631.81
SW-1	690.47	53.2	637.27	53.23	637.24	53.75	636.72	54.56	635.91
SW-101	604.18	32.07	572.11	33.33	570.85	32.98	571.20	33.07	571.11
SW-102	620.07	40.1	579.97	39.96	580.11	40.46	579.61	40.95	579.12
SW-103	635.68	38.7	596.98	38.38	597.30	38.65	597.03	39.55	596.13
SW-104	649.85	23.77	626.08	23.81	626.04	23.46	626.39	26.24	623.61
SW-106	596.12	9.66	586.46	10.37	585.75	11.5	584.62	12.11	584.01
SW-108	605.28	8.5	596.78	8.69	596.59	8.99	596.29	8	597.28
SW-109	661.26	60.08	601.18	60.21	601.05	60.56	600.70	60.61	600.65
SW-201	620.68	24.42	596.26	24.51	596.17	24.87	595.81	25.52	595.16
SW-202	636.93	31.51	605.42	31.6	605.33	32.15	604.78	32.5	604.43
SW-3	671.31	71.04	600.27	71.1	600.21	70.95	600.36	71.51	599.80
SW-4	671.39	65.66	605.73	65.7	605.69	65.64	605.75	65.49	605.90

⁽¹⁾ Elevation in feet above mean sea level (msl).

⁽²⁾ Depth in feet below top of well casing.

NM - Not measured.

Appendix B

Groundwater Analytical Summary Tables

(July/August 2006 and November 2006)

Table B-1
Summary of Groundwater Analytical Results
February/March 2006

PARAMETER ⁽¹⁾	MCL ⁽²⁾	SAMPLE LOCATIONS SAMPLE DATE				
		A-1 02/22/06	A-2 02/22/06	A-3 02/21/06	A-4 02/21/06	A-5 02/20/06
Volatile Organics						
Acetone	--	0.35 Mj	<0.005	<0.005	0.022	0.016 Mj
2-Butanone	--	1 Mj	<0.005	<0.005	0.033	0.022 Mj
Chloroform	--	<0.01 Muj	<0.001	<0.001	<0.001	<0.001 Muj
1,1-Dichloroethane	--	<0.01 Muj	<0.001	<0.001	<0.001	<0.001 Muj
1,2-Dichloroethane	0.005	<0.01 Muj	0.0015	0.0019	0.00053 J	<0.001 Muj
1,1-Dichloroethene	0.007	<0.01 Muj	<0.001	<0.001	<0.001	<0.001 Muj
cis -1,2-Dichloroethene	0.07	<0.01 Muj	0.0014	0.0025	0.0088	0.0015 Mj
trans-1,2-Dichloroethene	0.1	<0.01 Muj	<0.001	<0.001	<0.001	<0.001 Muj
Methylene chloride	0.005	<0.01 Muj	<0.001	<0.001	<0.001	<0.001 Muj
1,1,1-Trichloroethane	0.2	<0.01 Muj	<0.001	<0.001	<0.001	<0.001 Muj
Trichloroethene	0.005	<0.01 Muj	<0.001	0.0034	<0.001	0.00088 Mjj
1,1,2-Trichloroethane	0.005	<0.01 Muj	<0.001	<0.001	<0.001	<0.001 Muj
Tetrachloroethene	0.005	<0.01 Muj	<0.001	0.00064 J	<0.001	<0.001 Muj
Vinyl chloride	0.002	<0.01 Muj	<0.001	0.0014	0.00063 J	<0.001 Muj
Volatile Fatty Acids						
Acetic acid	--	610	<1	4	190	860
Butyric acid	--	110	<1	<1	11	22
Lactic Acid	--	<25	<25	<25	<25	<25
Propionic acid	--	1600	0.37 J	1.7	230	980
Pyruvic Acid	--	0.84 J	<10	<10	<10	<10
Field Indicators						
pH (S.U.)	6.5-8.5 ⁽³⁾	7.18	7.75	7.5	5.512	7.01
Dissolved Oxygen (mg/L)	--	7.15	10.73	2.02	14.55	0.62
ORP (mV)	--	-165	-145	-159	-168	-363
Conductance, specific (uS/cm)	--	6430	360	394	699	4520
Temperature (°C)	--	16.37	15.62	15.7	15.15	16.4
Wet Chemistry						
Alkalinity as CaCO ₃	--	3200	190	150	590	2700
Chloride	250 ⁽³⁾	82 CNI	8.0	6.4	19	68 Cl
Sulfate	250 ⁽³⁾	2.9 NBI	2.7 BI	2.9 BI	5.11	12 I
Inorganics						
Iron, dissolved ferrous	0.3 ⁽³⁾	>10	1.0	1.5	1.4	0
Manganese, dissolved	0.05 ⁽³⁾	6.5 J	5.8	5.4	7.3	85 J

Table B-1
Summary of Groundwater Analytical Results
February/March 2006

PARAMETER	MCL ⁽²⁾	LOCATION/SAMPLE DATE				
		A-6 02/20/06	A-7 02/22/06	B-1 02/23/06	B-2 02/23/06	B-3 02/27/06
Volatile Organics						
Acetone	--	<0.005	<0.005	0.028 Mj	<0.005	<0.005 *
2-Butanone	--	<0.005	<0.005	0.091 Mj	<0.005	<0.005 &
Chloroform	--	<0.001	<0.001	<0.001 Muj	<0.001	<0.001
1,1-Dichloroethane	--	<0.001	<0.001	<0.001 Muj	0.0012	<0.001
1,2-Dichloroethane	0.005	<0.001	0.00062 J	0.0004 MJj	0.0058 A	0.0034
1,1-Dichloroethene	0.007	<0.001	0.00082 J	<0.001 Muj	<0.001	<0.001
cis -1,2-Dichloroethene	0.07	0.008	0.0097	<0.001 Muj	0.017	0.01
trans-1,2-Dichloroethene	0.1	<0.001	<0.001	<0.001 Muj	0.001	<0.001
Methylene chloride	0.005	<0.001	<0.001	<0.001 Muj	<0.001	<0.001
1,1,1-Trichloroethane	0.2	<0.001	<0.001	<0.001 Muj	<0.001	<0.001
Trichloroethene	0.005	<0.001	0.0046	0.0011 Mj	0.0031	<0.001
1,1,2-Trichloroethane	0.005	<0.001	<0.001	<0.001 Muj	<0.001	<0.001
Tetrachloroethene	0.005	<0.001	<0.001	<0.001 Muj	<0.001	<0.001
Vinyl chloride	0.002	<0.001	0.00053 J	<0.001 Muj	0.014 D	0.0016
Volatile Fatty Acids						
Acetic acid	--	<1	0.39 J	1600	<1	<1
Butyric acid	--	<1	<1	230	<1	<1
Lactic Acid	--	<25	<25	<25	<25	<25
Propionic acid	--	<1	0.38 J	2100	0.62 J	<1
Pyruvic Acid	--	<10	<10	<10	<10	<10
Field Indicators						
pH (S.U.)	6.5-8.5 ⁽³⁾	6.29	6.25	7.06	6.7	7.09
Dissolved Oxygen (mg/L)	--	1.72	1.36	2.73	2.31	13.49
ORP (mV)	--	-86	-102	-381	-139	-75
Conductance, specific (uS/cm)	--	230	179	8030	309	283
Temperature (°C)	--	14.62	14.06	16.44	15.55	17.8
Wet Chemistry						
Alkalinity as CaCO ₃	--	110	99	5800	160	1101
Chloride	250 ⁽³⁾	5.5	5.1	130	7.5	<8.3 Au
Sulfate	250 ⁽³⁾	3.5 Bl	2.4 Bl	6.9	5.5	2.8 B
Inorganics						
Iron, dissolved ferrous	0.3 ⁽³⁾	0.4	3	0.1	0.8	2
Manganese, dissolved	0.05 ⁽³⁾	0.49	1.2	2.9 J	4.2	1

Table B-1
Summary of Groundwater Analytical Results
February/March 2006

PARAMETER	MCL ⁽²⁾	LOCATION/SAMPLE DATE				
		BW-104 02/27/06	BW-108 03/03/06	BW-109 03/02/06	BW-2 02/28/06	BW-201 03/02/06
Volatile Organics						
Acetone	--	0.035 M*J	<0.005	<0.005	<0.005 *	<0.005
2-Butanone	--	0.14 M&j	<0.005 &	<0.005 &	<0.005 &	<0.005 &
Chloroform	--	<0.001 Muj	<0.001	<0.001	0.002	<0.001
1,1-Dichloroethane	--	<0.001 Muj	<0.001	<0.001	<0.001	<0.001
1,2-Dichloroethane	0.005	0.00046 MJj	<0.001	<0.001	0.00039 J	<0.001
1,1-Dichloroethene	0.007	<0.001 Muj	<0.001	<0.001	<0.001	<0.001
cis -1,2-Dichloroethene	0.07	0.0029 MJ	<0.001	<0.001	0.0014	<0.001
trans-1,2-Dichloroethene	0.1	<0.001 Muj	<0.001	<0.001	<0.001	<0.001
Methylene chloride	0.005	<0.001 Muj	<0.001	<0.001	<0.001	<0.001
1,1,1-Trichloroethane	0.2	<0.001 Muj	<0.001	<0.001	<0.001	<0.001
Trichloroethene	0.005	<0.001 Muj	0.0012	<0.001	0.019	0.00049 J
1,1,2-Trichloroethane	0.005	<0.001 Muj	<0.001	<0.001	<0.001	<0.001
Tetrachloroethene	0.005	<0.001 Muj	0.00055 J	<0.001	0.0076	<0.001
Vinyl chloride	0.002	0.00047 MJj	<0.001	<0.001	<0.001	<0.001
Volatile Fatty Acids						
Acetic acid	--	580	2	0.69 J	<1	<1
Butyric acid	--	55	<1	<1	<1	<1
Lactic Acid	--	<25	4.4 J	5.5 J	<25	<25
Propionic acid	--	1100	0.29 J	<1	<1	<1
Pyruvic Acid	--	0.59 J	<10	0.63 J	<10	<10
Field Indicators						
pH (S.U.)	6.5-8.5 ⁽³⁾	7.18	6.74	5.94	6.22	6.01
Dissolved Oxygen (mg/L)	--	7.86	10.31	15.44	9.9	5.29
ORP (mV)	--	-184	96	185	84	133
Conductance, specific (uS/cm)	--	3230	109	114	95	197
Temperature (°C)	--	20.2	12.88	17.53	17.64	19.6
Wet Chemistry						
Alkalinity as CaCO ₃	--	2000	39	50	271	55
Chloride	250 ⁽³⁾	35 A	4.2 B	4.6 B	<7.1 Au	5.3
Sulfate	250 ⁽³⁾	2.6 B	6.3	2.2 B	2.5 B	7.6
Inorganics						
Iron, dissolved ferrous	0.3 ⁽³⁾	2.1 C	NM	0	0	0
Manganese, dissolved	0.05 ⁽³⁾	3.2	0.021	0.013	0.019	0.0033 AB

Table B-1
Summary of Groundwater Analytical Results
February/March 2006

PARAMETER ⁽¹⁾	MCL ⁽²⁾	LOCATION/SAMPLE DATE				
		BW-202 03/01/06	DP-3-1 02/27-28/06	DP-3-2 02/28/06	MLW-1-1 03/01/06	MLW-1-2 03/01/06
Volatile Organics						
Acetone	--	<0.005 *	<0.012 *	<0.005 *	0.003 *Jj	0.008 *j
2-Butanone	--	<0.005 &	<0.012 &	<0.005 &	0.007 &	0.0082 &
Chloroform	--	<0.001	0.01	0.00088 J	0.0026	0.0024
1,1-Dichloroethane	--	<0.001	0.0034	0.00094 J	<0.001	<0.001
1,2-Dichloroethane	0.005	<0.001	0.014	0.031	<0.001	<0.001
1,1-Dichloroethene	0.007	<0.001	<0.0025	<0.001	<0.001	<0.001
cis -1,2-Dichloroethene	0.07	<0.001	0.021	0.0036	<0.001	<0.001
trans-1,2-Dichloroethene	0.1	<0.001	0.0054	0.003	<0.001	<0.001
Methylene chloride	0.005	<0.001	<0.0025	<0.001	0.00075 J	0.0014
1,1,1-Trichloroethane	0.2	<0.001	<0.0025	<0.001	<0.001	<0.001
Trichloroethene	0.005	0.0014	0.021	0.0025	<0.001	<0.001
1,1,2-Trichloroethane	0.005	<0.001	0.033	0.021	<0.001	<0.001
Tetrachloroethene	0.005	0.0048	0.0022 J	<0.001	<0.001	<0.001
Vinyl chloride	0.002	<0.001	0.0078	0.00047 J	0.00022 J	0.00027 J
Volatile Fatty Acids						
Acetic acid	--	<1	0.53 J	<1	7.3	12
Butyric acid	--	<1	<1	<1	<1	0.31 J
Lactic Acid	--	<25	<25	<25	24 J	4.9 J
Propionic acid	--	<1	0.12 J	<1	0.66 J	3.1
Pyruvic Acid	--	<10	<10	<10	<10	<10
Field Indicators						
pH (S.U.)	6.5-8.5 ⁽³⁾	8.65	7.12	7.83	6.86	6.76
Dissolved Oxygen (mg/L)	--	7.13	14.71	12.4	9.2	4.76
ORP (mV)	--	109	-118	-184	10	9
Conductance, specific (uS/cm)	--	233	340	292	280	250
Temperature (°C)	--	19.08	15.39	18.52	16.8	19.35
Wet Chemistry						
Alkalinity as CaCO ₃	--	110 I	160 I	160 I	130 I	130 I
Chloride	250 ⁽³⁾	<7.5 Au	<13 Au	<12 Au	<4.7 AB u	<4.6 AB u
Sulfate	250 ⁽³⁾	6.5	6.2	4.8	2.8 B	<4.0
Inorganics						
Iron, dissolved ferrous	0.3 ⁽³⁾	0	0.2	0.2	0	0
Manganese, dissolved	0.05 ⁽³⁾	0.022	3.2	3.5	0.073	0.08

Table B-1
Summary of Groundwater Analytical Results
February/March 2006

PARAMETER	MCL ⁽²⁾	LOCATION/SAMPLE	DATE	MLW-1-3	MLW-1-4	MLW-3-1	MLW-3-2	MLW-3-3
				03/12/06	03/01/06	03/01/06	03/01/06	03/01/06
Volatile Organics								
Acetone	--	0.056	<0.005 *	0.028 *J	<0.005 *	<0.005 *	<0.005 *	
2-Butanone	--	<0.005 &	<0.005 &	0.0064 &J	<0.005 &	<0.005 &	<0.005 &	
Chloroform	--	0.0009 J	<0.001	<0.001	<0.001	<0.001	<0.001	
1,1-Dichloroethane	--	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
1,2-Dichloroethane	0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
1,1-Dichloroethene	0.007	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
cis -1,2-Dichloroethene	0.07	<0.001	<0.001	0.021	0.0077	0.0037		
trans-1,2-Dichloroethene	0.1	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
Methylene chloride	0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
1,1,1-Trichloroethane	0.2	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
Trichloroethene	0.005	<0.001	0.0012	<0.001	0.0015	0.00065 J		
1,1,2-Trichloroethane	0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
Tetrachloroethene	0.005	<0.001	0.0012	<0.001	0.00056 J	<0.001		
Vinyl chloride	0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
Volatile Fatty Acids								
Acetic acid	--	0.64 J	0.54 J	490	0.27 J	<1		
Butyric acid	--	<1	<1	230	<1	<1		
Lactic Acid	--	<25	<25	220	<25	<25		
Propionic acid	--	<1	<1	50	<1	<1		
Pyruvic Acid	--	<10	<10	<10	<10	<10		
Field Indicators								
pH (S.U.)	6.5-8.5 ⁽³⁾	6.75	7.56	7.424	6.77	6.28		
Dissolved Oxygen (mg/L)	--	4.5	10.37	9.59	9.83	4.19		
ORP (mV)	--	62	25	177	50	161		
Conductance, specific (uS/cm)	--	1160	510	535	190	164		
Temperature (°C)	--	17.71	17.5	16.6	16.6	16.4		
Wet Chemistry								
Alkalinity as CaCO ₃	--	370	250 NI	230 I	76 I	58 I		
Chloride	250 ⁽³⁾	12	17 A	<6.0 Au	<4.4 AB u	<4.5 AB u		
Sulfate	250 ⁽³⁾	150	11	27	2.9 B	2.5 B		
Inorganics								
Iron, dissolved ferrous	0.3 ⁽³⁾	0	0	343	0	0		
Manganese, dissolved	0.05 ⁽³⁾	0.01	0.0035 B	574	0.038	0.019		

Table B-1
Summary of Groundwater Analytical Results
February/March 2006

PARAMETER	EPA MCL ⁽²⁾	LOCATION/SAMPLE DATE				
		MWL-3-A 03/01/06	MW-2-1 03/01/06	MW-2-2A 02/28/06	MW-3D 03/02/06	MW-4-1 02/24/06
Volatile Organics						
Acetone	--	<0.005 *	0.0028 *Jj	<0.005 *uj	0.0054	<0.005
2-Butanone	--	<0.005 &	<0.005 &	<0.005 &uj	0.0066 &	<0.005
Chloroform	--	<0.001	0.0019	0.0045 j	<0.001	0.023
1,1-Dichloroethane	--	<0.001	<0.001	<0.001 uj	<0.001	<0.001
1,2-Dichloroethane	0.005	<0.001	0.0012	0.0005 Jj	0.002	0.00073 J
1,1-Dichloroethene	0.007	<0.001	0.0029	0.0012 j	0.0031	0.0016
cis -1,2-Dichloroethene	0.07	0.00095 J	<0.001	0.0043 j	0.097	0.0022
trans-1,2-Dichloroethene	0.1	<0.001	<0.001	<0.001 uj	<0.001	<0.001
Methylene chloride	0.005	<0.001	<0.001	<0.001 uj	<0.001	<0.001
1,1,1-Trichloroethane	0.2	<0.001	<0.001	<0.001 uj	<0.001	<0.001
Trichloroethene	0.005	<0.001	0.016	0.038 j	0.00058 J	0.058
1,1,2-Trichloroethane	0.005	<0.001	<0.001	<0.001 uj	<0.001	0.0047
Tetrachloroethene	0.005	<0.001	0.0052	0.018 j	<0.001	0.033
Vinyl chloride	0.002	<0.001	<0.001	<0.001 uj	0.00038 J	<0.001
Volatile Fatty Acids						
Acetic acid	--	<1	<1	<1	140	<1
Butyric acid	--	<1	<1	<1	7.1	<1
Lactic Acid	--	<25	<25	<25	<25	<25
Propionic acid	--	<1	<1	<1	180	<1
Pyruvic Acid	--	<10	<10	<10	<10	<10
Field Indicators						
pH (S.U.)	6.5-8.5 ⁽³⁾	5.9	10.09	6.1	6.86	7.96
Dissolved Oxygen (mg/L)	--	6.69	7.73	3.72	0.91	7.15
ORP (mV)	--	132	92	83	-269	187
Conductance, specific (uS/cm)	--	248	377	180	1170	457
Temperature (°C)	--	15.4	19.7	20.8	17.24	21.9
Wet Chemistry						
Alkalinity as CaCO ₃	--	471	1401	3201	570	160
Chloride	250 ⁽³⁾	<4.1 AB u	<4.7 AB u	<5.9 Au	11	6.9
Sulfate	250 ⁽³⁾	2.4 B	13	6.3	4.4	5.8
Inorganics						
Iron, dissolved ferrous	0.3 ⁽³⁾	0	0	0	0.014	0
Manganese, dissolved	0.05 ⁽³⁾	0.037	0.022	0.025	0.014	0.014

Table B-1
Summary of Groundwater Analytical Results
February/March 2006

PARAMETER ⁽¹⁾	MCL ⁽²⁾	LOCATION/SAMPLE DATE				
		MW-4-2 02/24/06	SW-101 02/24/06	SW-102 02/28/06	SW-108 02/23/06	SW-201 02/23/06
Volatile Organics						
Acetone	--	<0.0032 Ju	<0.005	<0.005 *	<0.005	<0.005
2-Butanone	--	<0.005	<0.005	<0.005 &	<0.005	<0.005
Chloroform	--	0.018	<0.001	<0.001	<0.001	0.0043
1,1-Dichloroethane	--	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichloroethane	0.005	0.0017	<0.001	<0.001	<0.001	<0.001
1,1-Dichloroethene	0.007	<0.001	<0.001	<0.001	<0.001	<0.001
cis -1,2-Dichloroethene	0.07	0.024	<0.001	<0.001	<0.001	0.00088 J
trans-1,2-Dichloroethene	0.1	<0.001	<0.001	<0.001	<0.001	<0.001
Methylene chloride	0.005	<0.001	<0.001	<0.001	<0.001	<0.001
1,1,1-Trichloroethane	0.2	<0.001	<0.001	<0.001	<0.001	<0.001
Trichloroethene	0.005	0.031	<0.001	<0.001	0.002	0.014
1,1,2-Trichloroethane	0.005	0.0092	<0.001	<0.001	<0.001	<0.001
Tetrachloroethene	0.005	0.0098	<0.001	<0.001	0.0019	0.0052
Vinyl chloride	0.002	0.00048 J	<0.001	<0.001	<0.001	<0.001
Volatile Fatty Acids						
Acetic acid	--	<1	<1	<1	<1	<1
Butyric acid	--	<1	<1	<1	<1	<1
Lactic Acid	--	<25	<25	<25	6.4 J	<25
Propionic acid	--	<1	<1	<1	<1	<1
Pyruvic Acid	--	<10	<10	<10	<10	<10
Field Indicators						
pH (S.U.)	6.5-8.5 ⁽³⁾	7.18	6.7	6.55	5.95	5.91
Dissolved Oxygen (mg/L)	--	5.75	7.82	2.9	7.47	6.59
ORP (mV)	--	-58	187	117	306	305
Conductance, specific (uS/cm)	--	541	279	402	129	111
Temperature (°C)	--	20.8	16.5	19.8	14.4	16.6
Wet Chemistry						
Alkalinity as CaCO ₃	--	200	92	160	33	37
Chloride	250 ⁽³⁾	7.3	6.2	<5.8 Au	5.5	4.3 B
Sulfate	250 ⁽³⁾	3.7 B	6.0	3.6 B	3.8 B	2.3 B
Inorganics						
Iron, dissolved ferrous	0.3 ⁽³⁾	0.02	0	0	0	0
Manganese, dissolved	0.05 ⁽³⁾	7.4	0.011	0.011	0.019	0.01

Table B-1
Summary of Groundwater Analytical Results
February/March 2006

PARAMETER	MCL ⁽¹⁾	LOCATION/SAMPLE	DATE	
		SW-202	SW-3	SW-4
		03/01/06	03/02/06	03/01/06
Volatile Organics				
Acetone	--	<0.005 *	<0.01	<0.005 *
2-Butanone	--	<0.005 &	<0.01 &	<0.005 &
Chloroform	--	<0.001	<0.002	0.011
1,1-Dichloroethane	--	<0.001	<0.002	0.0011
1,2-Dichloroethane	0.005	<0.001	<0.002	0.00053 J
1,1-Dichloroethene	0.007	<0.001	<0.002	0.022
cis -1,2-Dichloroethene	0.07	<0.001	0.0064	<0.001
trans-1,2-Dichloroethene	0.1	<0.001	<0.002	<0.001
Methylene chloride	0.005	<0.001	<0.002	<0.001
1,1,1-Trichloroethane	0.2	<0.001	<0.002	0.013
Trichloroethene	0.005	<0.001	0.016	0.045
1,1,2-Trichloroethane	0.005	<0.001	<0.002	0.0017
Tetrachloroethene	0.005	<0.001	0.03	0.0039
Vinyl chloride	0.002	<0.001	<0.002	<0.001
Volatile Fatty Acids				
Acetic acid	--	<1	0.47 J	0.27 J
Butyric acid	--	<1	<1	<1
Lactic Acid	--	<25	<25	<25
Propionic acid	--	<1	<1	<1
Pyruvic Acid	--	<10	<10	<10
Field Indicators				
pH (S.U.)	6.5-8.5 ⁽³⁾	5.4	6.08	5.54
Dissolved Oxygen (mg/L)	--	5.16	8.85	8.66
ORP (mV)	--	163	168	181
Conductance, specific (uS/cm)	--	65	109	84
Temperature (°C)	--	19.04	21	19.98
Wet Chemistry				
Alkalinity as CaCO ₃	--	13 B	32	19 B
Chloride	250 ⁽³⁾	<5.5 Au	4.0 B	<9.9 AN u
Sulfate	250 ⁽³⁾	2.4 B	2.0 B	2.0 NB
Inorganics				
Iron, dissolved ferrous	0.3 ⁽³⁾	0	0	0
Manganese, dissolved	0.05 ⁽³⁾	0.038	0.012	0.044

Table B-1
Summary of Groundwater Analytical Results
February/March 2006

Qualifiers

- (⁽¹⁾) Analytical results are reported in milligrams per liter (mg/L) unless otherwise noted. Only parameters detected in at least one sample at a concentration above the laboratory reporting limit are included in this summary table.
- (⁽²⁾) Maximum Contaminant Level (National Primary Drinking Water Standards); *Drinking Water Standards and Health Advisories* (USEPA, 2004)
- (⁽³⁾) Secondary Maximum Contaminant Level (SMCL) (National Primary Drinking Water Standards); *Drinking Water Standards and Health Advisories* (USEPA, 2004)
- < - Concentration less than the Quantitation Limit or not validated if accompanied by "u" qualifier.
- A - Analyte detected in method blank.
- B - The analyte has been detected between the method detection limit and the reporting limit.
- C - Elevated detection limit due to matrix effects.
- J - Concentration detected equal to or greater than the method detection limit but less than the reporting limit.
- M - Sample pH was greater than 2.
- N - Spiked sample recovery not within control limits.
- * - Precision not within control limits.
- & - Laboratory Control Spike recovery not within control limits.
- j - Concentration considered an estimate based on data validation.
- l - Analyte present; reported value may be biased low.
- u - Laboratory reported detection not validated during data validation process.
- uj - Not detected; quantitation limit may be inaccurate or imprecise.
- NM - Not measured.
- Bolding** indicates sample detection.
- Shading indicates sample exceeds MCL or SMCL.

Table B-2
Summary of Groundwater Analytical Results

PARAMETER ⁽¹⁾	MCL ⁽²⁾	LOCATION/SAMPLE DATE							
		A-1 11/20/06	A-2 11/20/06	A-3 11/17/06	B-2 11/17/06	B-3 11/16/06	BW-2 11/15/06	DP-2-1 11/21/06	DP-3-1 11/20/06
Volatile Organics									
Acetone	--	0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Benzene	0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.00048 J
Chloroethane	--	<0.001	<0.001	<0.001	<0.001	0.0014	<0.001	<0.001	<0.001
Chloroform	--	<0.001	0.0007 J	0.0031	0.0022	0.00045 J	0.002	0.0035	0.00072 J
1,1-Dichloroethane	--	<0.001	<0.001	<0.001	0.0013	0.0034	<0.001	<0.001	0.0041
1,2-Dichloroethane	0.005	0.0035	0.0019	0.0018	0.0017	0.021	0.00041 J	0.0032	0.042
1,1-Dichloroethene	0.007	<0.001 &	<0.001 &	0.0023 &	0.015 &	0.0053	0.0012	0.0042 &	<0.001 &
cis-1,2-Dichloroethene	0.07	0.007	0.011	0.016	0.034	0.078	0.0021	0.021	0.025
trans-1,2-Dichloroethene	0.1	<0.001	<0.001	<0.001	0.0019	0.0077	<0.001	<0.001	0.017
Tetrachloroethene	0.005	<0.001	0.006	0.013	0.021	0.0073	0.014	0.028	0.00072 J
1,1,1-Trichloroethane	0.2	<0.001	<0.001	<0.001	0.0011	0.0019	<0.001	<0.001	<0.001
1,1,2-Trichloroethane	0.005	<0.001	<0.001	0.00074 J	0.0026	0.0094	<0.001	0.00044 J	0.025
Trichloroethene	0.005	0.0046	0.021	0.026	0.12	0.061	0.028	0.042	0.0038
Vinyl chloride	0.002	0.0061	0.0045	0.0012	0.0046	0.061	<0.001	0.00077 J	0.021
Field Indicators									
pH	6.5-8.5 ⁽³⁾	6.87	6.76	6.45	6.44	7.06	6.1	6.65	7.1
Dissolved Oxygen	--	4.52	4.2	3.14	2.82	3.88	8.99	2.95	3
ORP	--	-105	-83	-9	-42	-69	2	-108	-142
Conductance, specific	--	464	247	191	184	311	100	232	281
Temperature	--	13.1	16.1	16.6	16.7	16.8	17.8	16.4	18.2
Turbidity	--	NA	NA	NA	NA	NA	NA	NA	NA
Inorganics									
Iron, dissolved ferrous	0.3 ⁽³⁾	15	15	3	0	NA	0	0.2	0.6
Manganese, dissolved	0.05 ⁽³⁾	5.7	5.3	0.69	1	3.5 K	0.0011 B	4.2 K	2.3 K

Table B-2
Summary of Groundwater Analytical Results

PARAMETER ⁽¹⁾	MCL ⁽²⁾	LOCATION/SAMPLE DATE							
		(DU-06401) DP-3-1 11/20/06	MLW-3-1 11/21/06	MLW-3-2 11/21/06	MLW-3-3 11/10/06	MLW-3-4 11/10/06	MW-2-1 11/15/06	MW-2-2 11/14/06	MW-3D 11/14/06
Volatile Organics									
Acetone	--	<0.005	0.031	<0.005	<0.005	<0.005	0.0025 J	0.0065	<0.005
Benzene	0.005	0.00049 J	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chloroethane	--	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chloroform	--	0.0007 J	<0.001	<0.001	<0.001	<0.001	0.0019	0.0029	<0.001
1,1-Dichloroethane	--	0.0037	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichloroethane	0.005	>0.039	<0.001	<0.001	<0.001	<0.001	0.0015	0.00095 J	0.00047 J
1,1-Dichloroethene	0.007	<0.001 &	<0.001 &	<0.001 &	<0.001	<0.001	0.0056	0.0013	<0.001
cis -1,2-Dichloroethene	0.07	0.022	0.032	0.0069	0.0027	0.00086 J	0.022	0.014	0.015
trans-1,2-Dichloroethene	0.1	0.017	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Tetrachloroethene	0.005	0.00055 J	<0.001	0.00072 J	<0.001	<0.001	0.0032	>0.0096	<0.001
1,1,1-Trichloroethane	0.2	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1,2-Trichloroethane	0.005	>0.025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Trichloroethene	0.005	0.0034	<0.001	0.0022	<0.001	<0.001	>0.0053	>0.022	<0.001
Vinyl chloride	0.002	>0.02	<0.001	<0.001	<0.001	<0.001	<0.001	>0.0021	<0.001
Field Indicators									
pH	6.5-8.5 ⁽³⁾	NA	4.41	6.86	6.2	6.8	7.77	6.57	7.33
Dissolved Oxygen	--	NA	5.76	3.94	5.48	1.48	6.73	0.01	0.06
ORP	--	NA	170	-49	110	56	-213	-152	-172
Conductance, specific	--	NA	565	166	180	93	432	454	362
Temperature	--	NA	12.8	12.9	15.2	15.5	18.6	18.5	17.8
Turbidity	--	NA	NA	NA	0	21.1	NA	NA	NA
Inorganics									
Iron, dissolved ferrous	0.3 ⁽³⁾	NA	>2.5	0	0	0	0	>10	>0.4
Manganese, dissolved	0.05 ⁽³⁾	>2 KJ	>4 KJ	0.0055	0.0019 B	0.0063	0.03	>3.8 KJ	>2 KJ

Table B-2
Summary of Groundwater Analytical Results

PARAMETER ⁽¹⁾	MCL ⁽²⁾	LOCATION/SAMPLE DATE					
		MW-4-1 11/14/06	MW-4-2 11/14/06	SW-201 11/10/06	SW-202 11/15/06	SW-3 11/10/06	SW-4 11/15/06
Volatile Organics							
Acetone	--	0.0061	0.0079	<0.005	<0.005	0.12	<0.005
Benzene	0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chloroethane	--	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chloroform	--	0.0021	<0.001	0.0035	<0.001	<0.001	0.011
1,1-Dichloroethane	--	<0.001	<0.001	<0.001	<0.001	<0.001	0.00078 J
1,2-Dichloroethane	0.005	0.00053 J	0.001	<0.001	<0.001	<0.001	0.00043 J
1,1-Dichloroethene	0.007	0.00081 J	<0.001	<0.001	<0.001	<0.001	0.017
cis -1,2-Dichloroethene	0.07	0.013	0.0056	<0.001	<0.001	0.23	<0.001
trans-1,2-Dichloroethene	0.1	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Tetrachloroethene	0.005	0.0072	<0.001	0.0044	0.00096 J	0.0026	0.0029
1,1,1-Trichloroethane	0.2	<0.001	<0.001	<0.001	<0.001	<0.001	0.0089
1,1,2-Trichloroethane	0.005	0.00043 J	<0.001	<0.001	<0.001	<0.001	0.0011
Trichloroethene	0.005	0.013	<0.001	0.012	<0.001	0.00089 J	0.036
Vinyl chloride	0.002	<0.001	0.0015	<0.001	<0.001	0.0051	<0.001
Field Indicators							
pH	6.5-8.5 ⁽³⁾	7.38	7.04	6.02	5.72	6.67	6.14
Dissolved Oxygen	--	7.21	0.03	3.33	3.7	0	9.22
ORP	--	-139	-152	142	30	-117	-10
Conductance, specific	--	256	513	96	62	512	82
Temperature	--	19.3	18.1	18.6	16.8	19.6	16
Turbidity	--	NA	NA	NA	NA	NA	NA
Inorganics							
Iron, dissolved ferrous	0.3 ⁽³⁾	0	0.04	0	0	10	0
Manganese, dissolved	0.05 ⁽³⁾	0.053 KJ	6.2 KJ	0.0012 B	0.019	5.6	0.0091

Table B-2
Summary of Groundwater Analytical Results

November 2006

Qualifiers

⁽¹⁾ Analytical results are reported in milligrams per liter (mg/L) unless otherwise noted. Only parameters detected in at least one sample at a concentration above the laboratory reporting limit are included in this summary table.

⁽²⁾ Maximum Contaminant Level (National Primary Drinking Water Standards); *Drinking Water Standards and Health Advisories* (USEPA, 2004)

⁽³⁾ Secondary Maximum Contaminant Level (SMCL) (National Primary Drinking Water Standards); *Drinking Water Standards and Health Advisories* (USEPA, 2004)

< - Concentration less than the Quantitation Limit or not validated if accompanied by "u" qualifier.

B - The analyte has been detected between the method detection limit and the reporting limit.

J - Concentration detected equal to or greater than the method detection limit but less than the reporting limit.

K (Inorganic) - Sample received unpreserved. Sample was either preserved at the time of receipt or at the time of sample preparation.

& - Laboratory Control Spike recovery not within control limits.

j - Concentration considered an estimate based on data validation.

NA - Not analyzed.

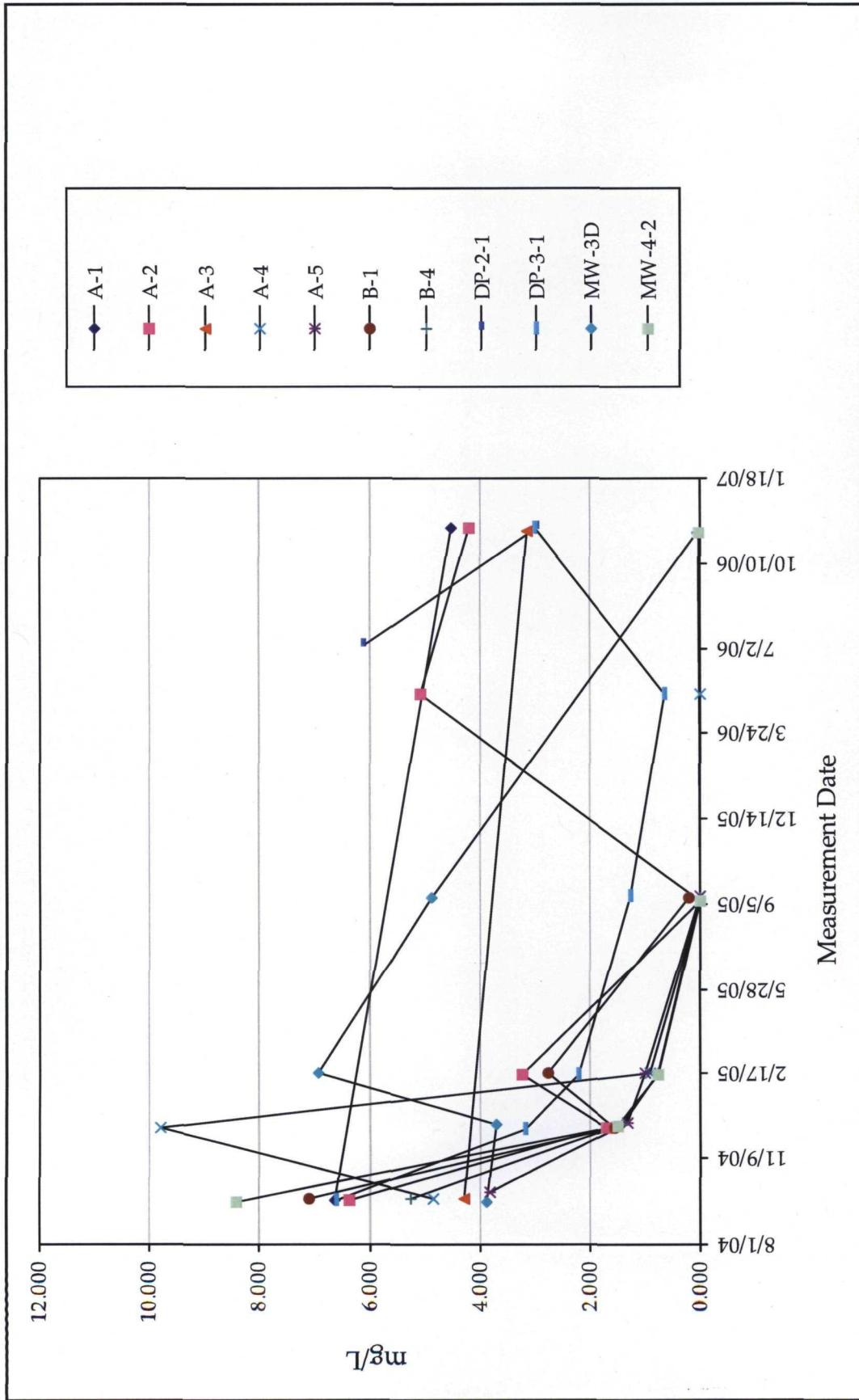
Bolding indicates sample detection.

Shading indicates sample exceeds MCL or SMCL.

Appendix C

Time vs. Concentration Graphs

Field Indicator Parameters

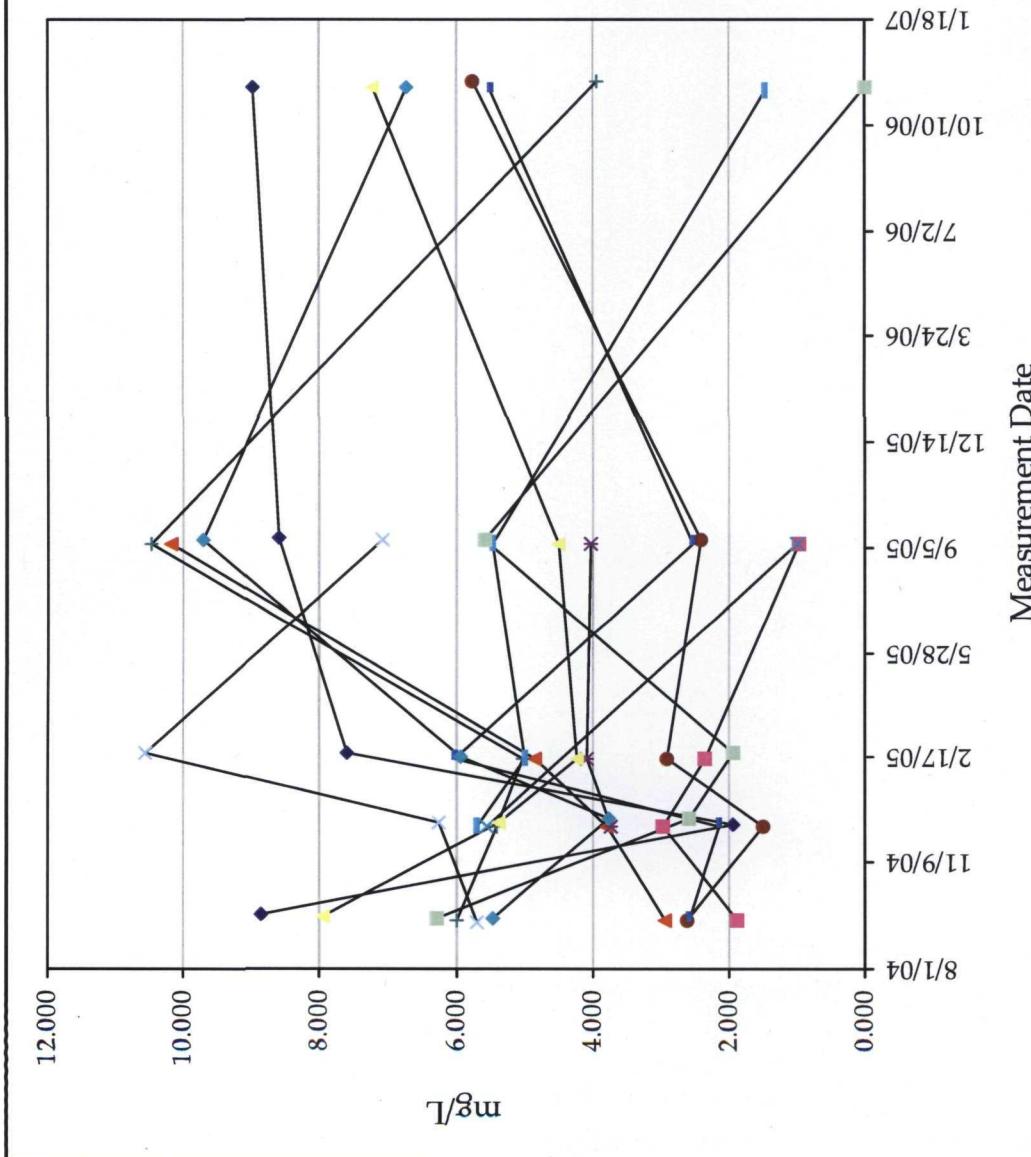
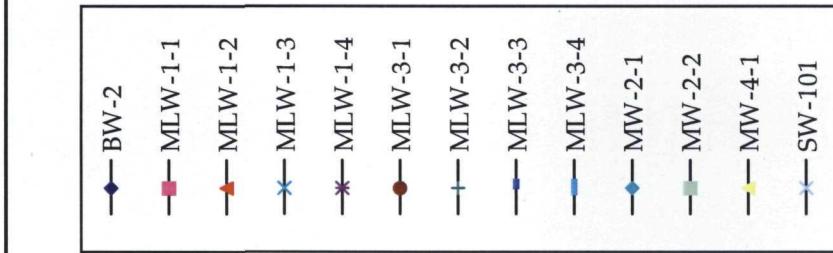


DISSOLVED OXYGEN IN INJECTION WELLS

MEDLEY FARM NPL SITE

PROJECT NO.: 71243.44

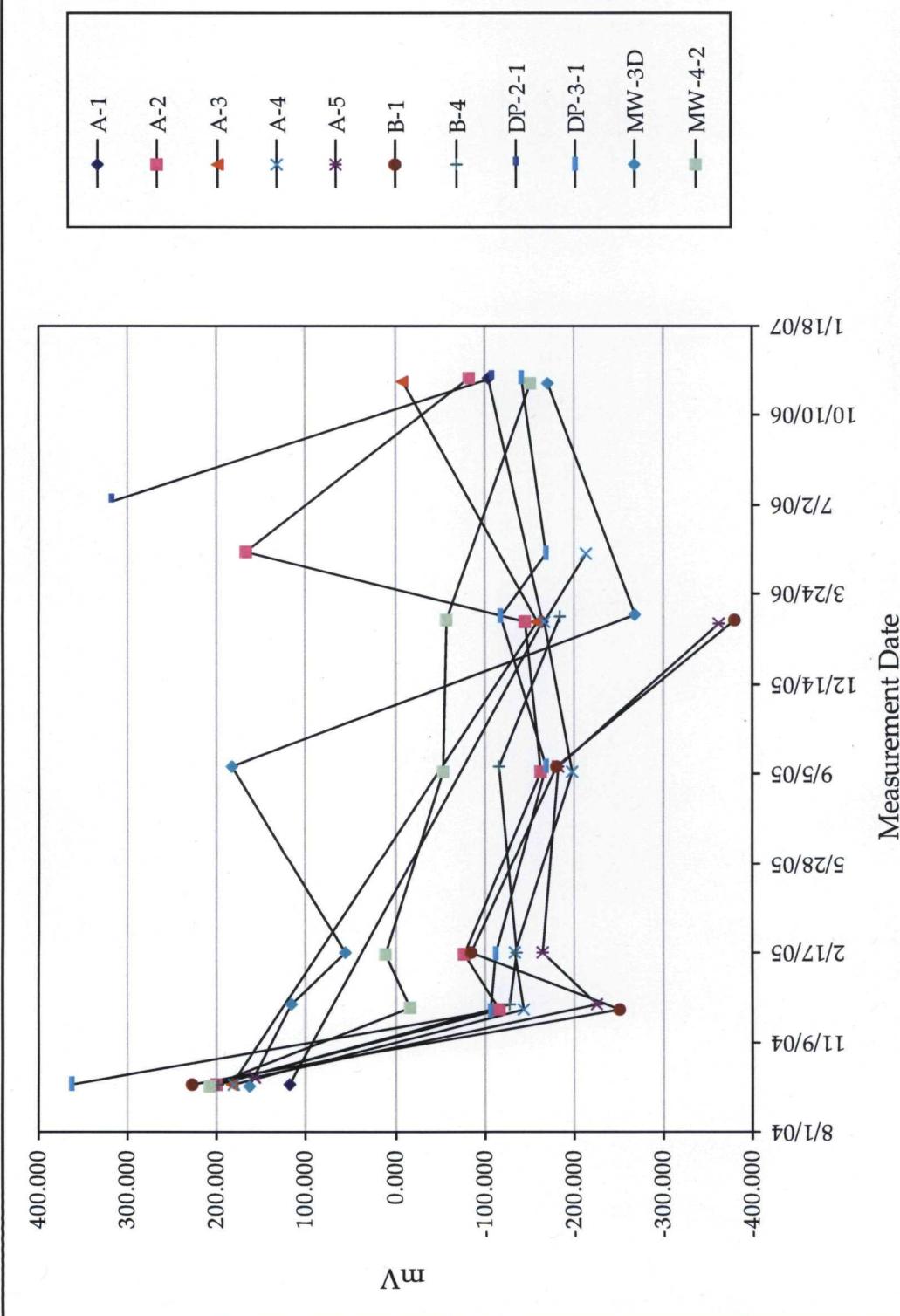
RWT



PROJECT NO.: 71243.44

MEDLEY FARM NPL SITE

RMT®

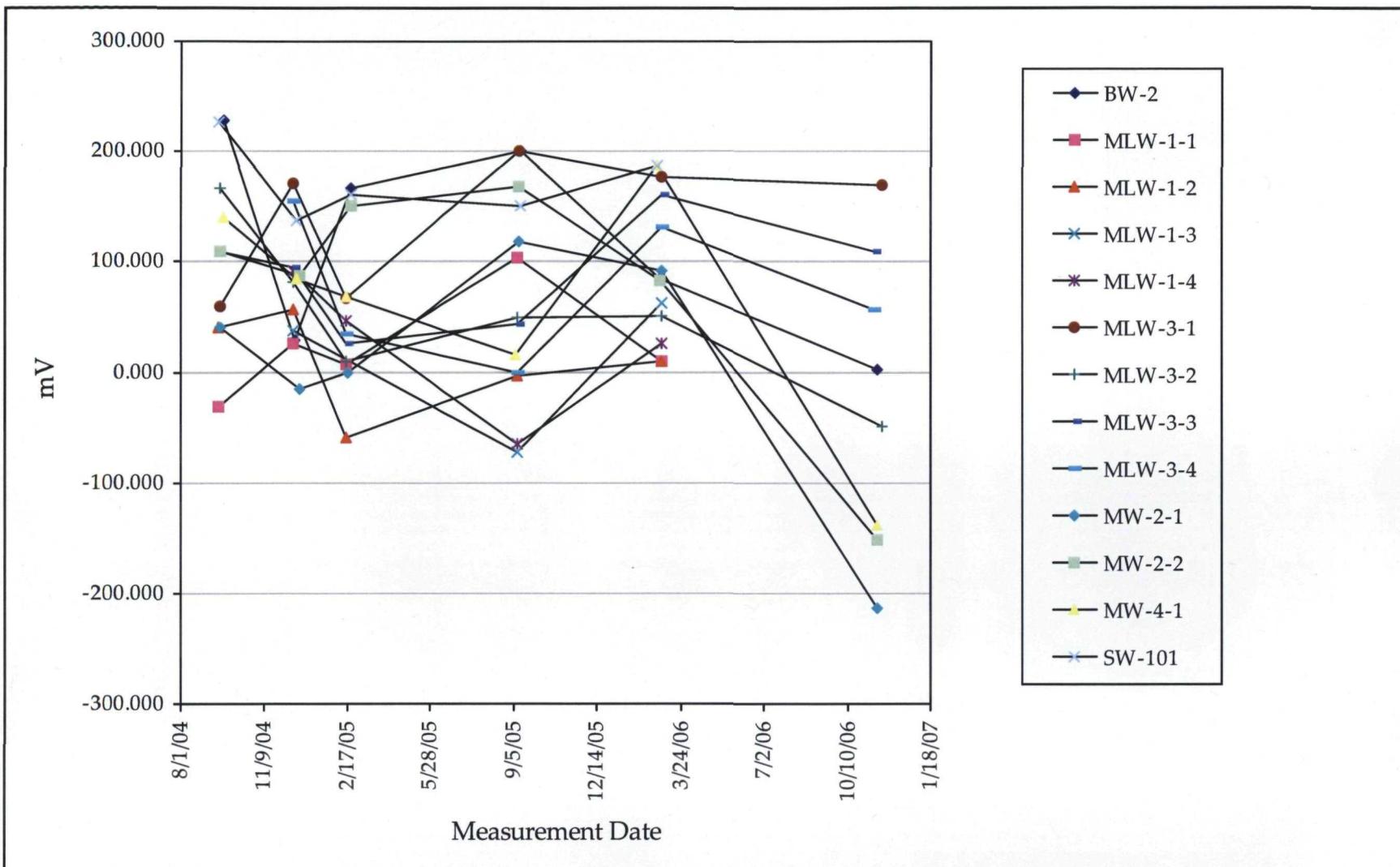


ORP IN INJECTION WELLS

MEDLEY FARM NPL SITE

PROJECT NO.: 71243.44

RMT®

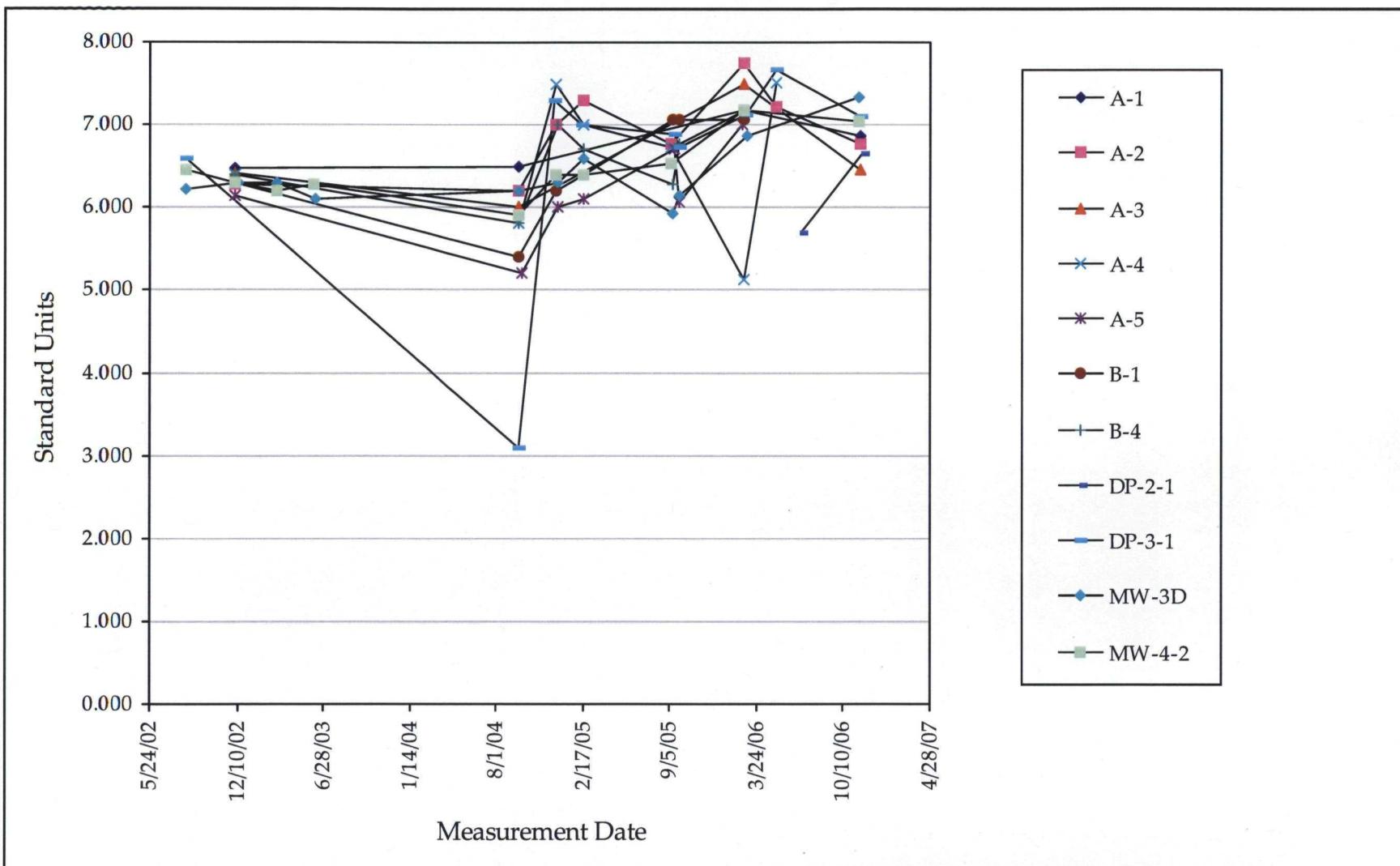


ORP IN MONITORING WELLS

RMT

MEDLEY FARM NPL SITE

PROJECT NO.: 71243.44

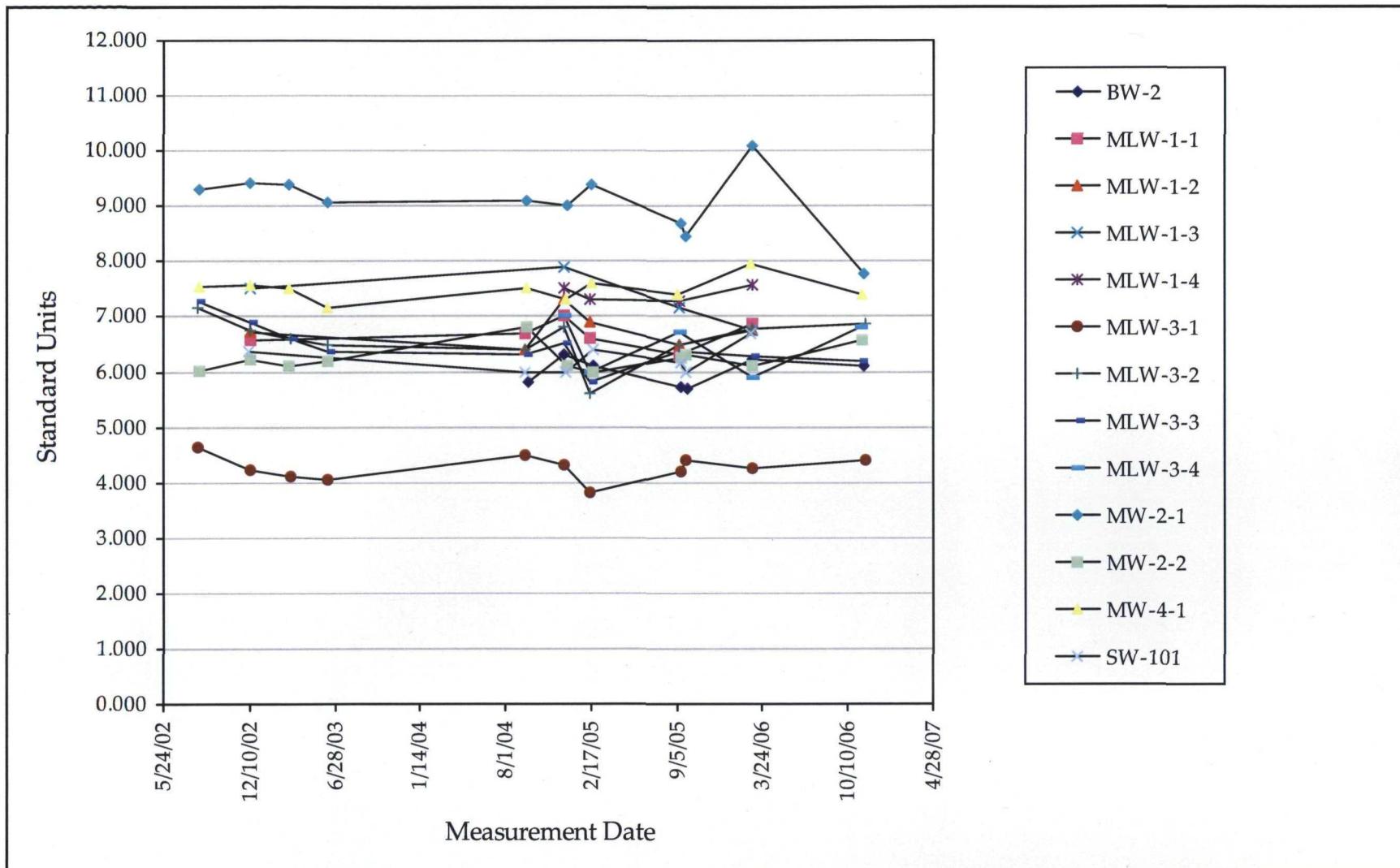


PH IN INJECTION WELLS

RMT

MEDLEY FARM NPL SITE

PROJECT NO.: 71243.44

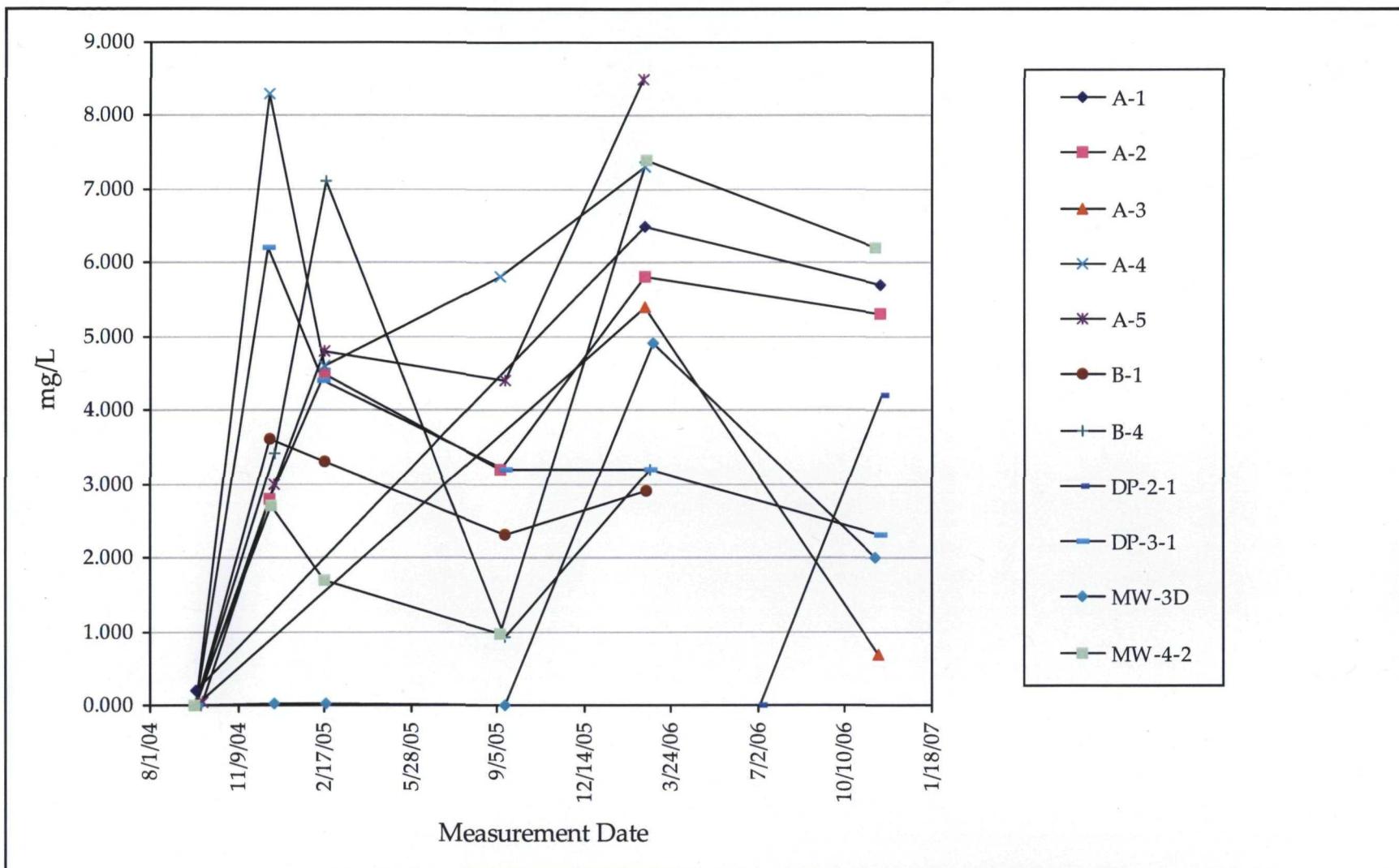


PH IN MONITORING WELLS

RMT[®]

MEDLEY FARM NPL SITE

PROJECT NO.: 71243.44

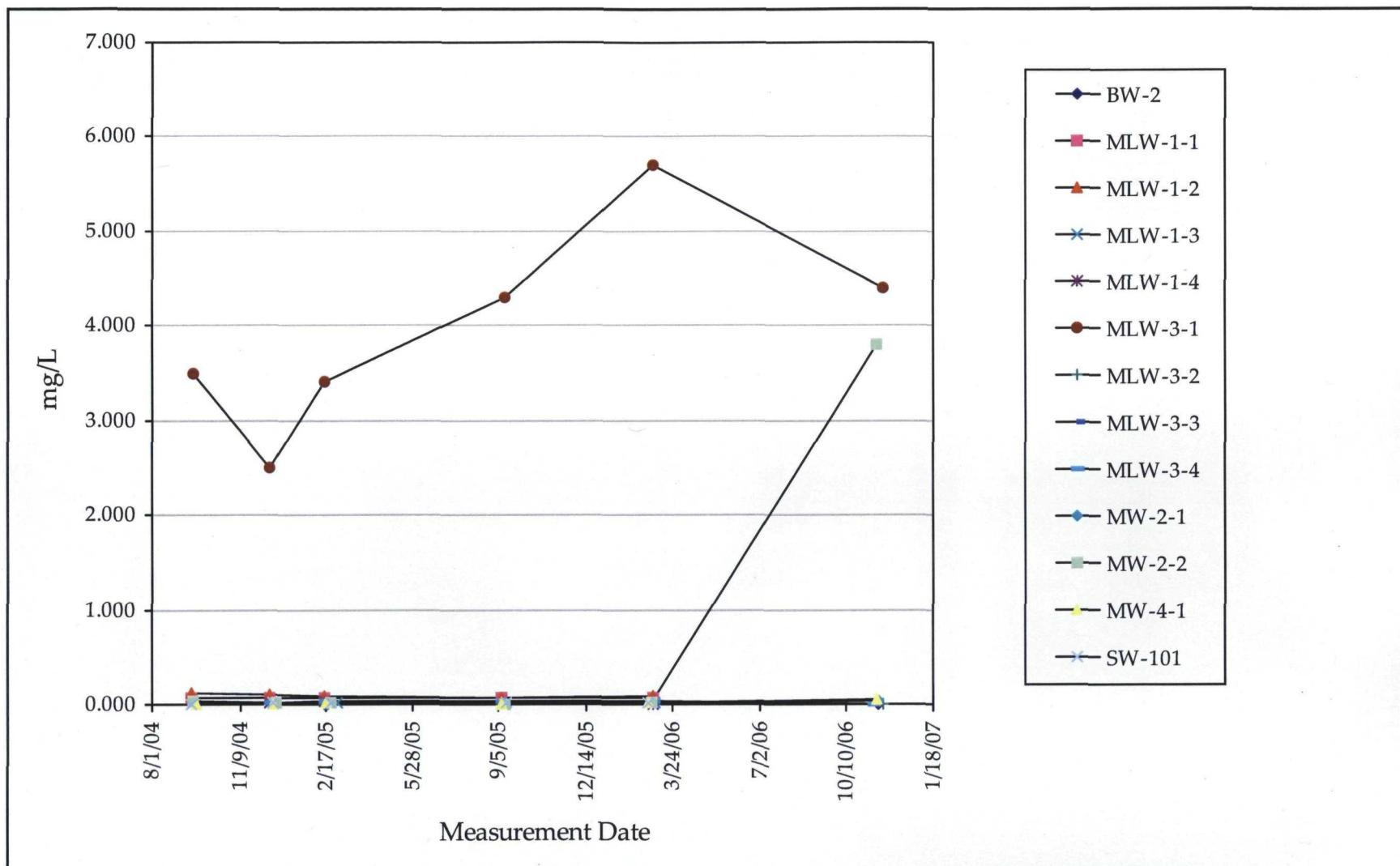


MANGANESE, DISSOLVED LEVELS IN INJECTIONS WELLS

RMT

MEDLEY FARM NPL SITE

PROJECT NO.: 71243.44



MANGANESE, DISSOLVED LEVELS IN MONITORING WELLS

RMT
RMT

MEDLEY FARM NPL SITE

PROJECT NO.: 71243.44

Appendix D

Laboratory Analytical Reports



1241 Bellevue Street, Suite 9
Green Bay, WI 54302
920-469-2436, Fax: 920-469-8827

Analytical Report Number: 869346

Client: RMT - GREENVILLE

Lab Contact: Tom Trainor

Project Name: MEDLEY FARM

Project Number: 71243.39

Lab Sample Number	Field ID	Matrix	Collection Date
869346-001	TBLK-06101	WATER	
869346-002	A-6	GW	02/20/06 13:50
869346-003	A-5	GW	02/20/06 15:10
869346-004	A-4	GW	02/21/06 12:00
869346-005	A-3	GW	02/21/06 16:00
869346-006	A-7	GW	02/22/06 09:45
869346-007	A-2	GW	02/22/06 11:45
869346-008	A-1	GW	02/22/06 14:15

I certify that the data contained in this Final Report has been generated and reviewed in accordance with approved methods and Laboratory Standard Operating Procedure. Exceptions, if any, are discussed in the accompanying sample comments. Release of this final report is authorized by Laboratory management, as is verified by the following signature. This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, Inc. The sample results relate only to the analytes of interest tested.


Approval Signature


Date

3-9-06

Pace Analytical
Services, Inc.

Analytical Report Number: 869346

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE
Project Name : MEDLEY FARM
Project Number : 71243.39
Field ID : TBLK-06101

Matrix Type : WATER
Collection Date :
Report Date : 03/07/06
Lab Sample Number : 869346-001

VOLATILES - SPECIAL LIST

Prep Date: 02/28/06

Analyte	Result	EQL	Dilution	Units	Code	Anl Date	Prep Method	Anl Method
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		02/28/06	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/L		02/28/06	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 1.0	1.0	1	ug/L		02/28/06	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 1.0	1.0	1	ug/L		02/28/06	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 1.0	1.0	1	ug/L		02/28/06	SW846 5030B	SW846 8260B
2-Butanone	< 5.0	5.0	1	ug/L		02/28/06	SW846 5030B	SW846 8260B
Acetone	< 5.0	5.0	1	ug/L		02/28/06	SW846 5030B	SW846 8260B
Benzene	< 1.0	1.0	1	ug/L		02/28/06	SW846 5030B	SW846 8260B
Chloroethane	< 1.0	1.0	1	ug/L		02/28/06	SW846 5030B	SW846 8260B
Chloroform	< 1.0	1.0	1	ug/L		02/28/06	SW846 5030B	SW846 8260B
Chloromethane	< 1.0	1.0	1	ug/L		02/28/06	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	< 1.0	1.0	1	ug/L		02/28/06	SW846 5030B	SW846 8260B
Methylene Chloride	< 1.0	1.0	1	ug/L		02/28/06	SW846 5030B	SW846 8260B
Tetrachloroethene	< 1.0	1.0	1	ug/L		02/28/06	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	< 1.0	1.0	1	ug/L		02/28/06	SW846 5030B	SW846 8260B
Trichloroethene	< 1.0	1.0	1	ug/L		02/28/06	SW846 5030B	SW846 8260B
Vinyl Chloride	< 1.0	1.0	1	ug/L		02/28/06	SW846 5030B	SW846 8260B
Surrogate		LCL	UCL					
4-Bromofluorobenzene	105	64	132	1 %		02/28/06	SW846 5030B	SW846 8260B
Toluene-d8	101	73	127	1 %		02/28/06	SW846 5030B	SW846 8260B
Dibromofluoromethane	97	68	122	1 %		02/28/06	SW846 5030B	SW846 8260B

**Pace Analytical
Services, Inc.**

Analytical Report Number: 869346

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE
Project Name : MEDLEY FARM
Project Number : 71243.39
Field ID : A-6

Matrix Type : GROUNDWATER
Collection Date : 02/20/06
Report Date : 03/07/06
Lab Sample Number : 869346-002

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date	Prep Method	Anl Method
Manganese - Dissolved	490	5.0	1	ug/L		03/06/06	SW846 6010B	SW846 6010B
Alkalinity as CaCO3	110	20	1	mg/L		03/02/06	EPA 310.2	EPA 310.2
Chloride	5.5	5.0	1	mg/L		02/27/06	EPA 300.0	EPA 300.0
Sulfate	3.5	B	4.0	1	mg/L	02/27/06	EPA 300.0	EPA 300.0

VOLATILES - SPECIAL LIST

Prep Date: 02/28/06

Analyte	Result	EQL	Dilution	Units	Code	Anl Date	Prep Method	Anl Method	
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		02/28/06	SW846 5030B	SW846 8260B	
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/L		02/28/06	SW846 5030B	SW846 8260B	
1,1-Dichloroethane	< 1.0	1.0	1	ug/L		02/28/06	SW846 5030B	SW846 8260B	
1,1-Dichloroethene	< 1.0	1.0	1	ug/L		02/28/06	SW846 5030B	SW846 8260B	
1,2-Dichloroethane	< 1.0	1.0	1	ug/L		02/28/06	SW846 5030B	SW846 8260B	
2-Butanone	< 5.0	5.0	1	ug/L		02/28/06	SW846 5030B	SW846 8260B	
Acetone	< 5.0	5.0	1	ug/L		02/28/06	SW846 5030B	SW846 8260B	
Benzene	< 1.0	1.0	1	ug/L		02/28/06	SW846 5030B	SW846 8260B	
Chloroethane	< 1.0	1.0	1	ug/L		02/28/06	SW846 5030B	SW846 8260B	
Chloroform	< 1.0	1.0	1	ug/L		02/28/06	SW846 5030B	SW846 8260B	
Chloromethane	< 1.0	1.0	1	ug/L		02/28/06	SW846 5030B	SW846 8260B	
cis-1,2-Dichloroethene	8.0	1.0	1	ug/L		02/28/06	SW846 5030B	SW846 8260B	
Methylene Chloride	< 1.0	1.0	1	ug/L		02/28/06	SW846 5030B	SW846 8260B	
Tetrachloroethene	< 1.0	1.0	1	ug/L		02/28/06	SW846 5030B	SW846 8260B	
trans-1,2-Dichloroethene	< 1.0	1.0	1	ug/L		02/28/06	SW846 5030B	SW846 8260B	
Trichloroethene	< 1.0	1.0	1	ug/L		02/28/06	SW846 5030B	SW846 8260B	
Vinyl Chloride	< 1.0	1.0	1	ug/L		02/28/06	SW846 5030B	SW846 8260B	
Surrogate		LCL	UCL						
4-Bromofluorobenzene	106	64	132	1	%		02/28/06	SW846 5030B	SW846 8260B
Toluene-d8	103	73	127	1	%		02/28/06	SW846 5030B	SW846 8260B
Dibromofluoromethane	102	68	122	1	%		02/28/06	SW846 5030B	SW846 8260B

Pace Analytical
Services, Inc.

Analytical Report Number: 869346

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE
Project Name : MEDLEY FARM
Project Number : 71243.39
Field ID : A-5

Matrix Type : GROUNDWATER
Collection Date : 02/20/06
Report Date : 03/07/06
Lab Sample Number : 869346-003

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date	Prep Method	Anl Method
Manganese - Dissolved	8500	5.0	1	ug/L		03/06/06	SW846 6010B	SW846 6010B
Alkalinity as CaCO ₃	2700	200	10	mg/L		03/02/06	EPA 310.2	EPA 310.2
Chloride	68	25	5	mg/L	C	02/27/06	EPA 300.0	EPA 300.0
Sulfate	12	4.0	1	mg/L		02/27/06	EPA 300.0	EPA 300.0

VOLATILES - SPECIAL LIST

Prep Date: 02/28/06

Analyte	Result	EQL	Dilution	Units	Code	Anl Date	Prep Method	Anl Method	
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L	M	02/28/06	SW846 5030B	SW846 8260B	
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/L	M	02/28/06	SW846 5030B	SW846 8260B	
1,1-Dichloroethane	< 1.0	1.0	1	ug/L	M	02/28/06	SW846 5030B	SW846 8260B	
1,1-Dichloroethene	< 1.0	1.0	1	ug/L	M	02/28/06	SW846 5030B	SW846 8260B	
1,2-Dichloroethane	< 1.0	1.0	1	ug/L	M	02/28/06	SW846 5030B	SW846 8260B	
2-Butanone	22	5.0	1	ug/L	M	02/28/06	SW846 5030B	SW846 8260B	
Acetone	16	5.0	1	ug/L	M	02/28/06	SW846 5030B	SW846 8260B	
Benzene	< 1.0	1.0	1	ug/L	M	02/28/06	SW846 5030B	SW846 8260B	
Chloroethane	< 1.0	1.0	1	ug/L	M	02/28/06	SW846 5030B	SW846 8260B	
Chloroform	< 1.0	1.0	1	ug/L	M	02/28/06	SW846 5030B	SW846 8260B	
Chloromethane	< 1.0	1.0	1	ug/L	M	02/28/06	SW846 5030B	SW846 8260B	
cis-1,2-Dichloroethene	1.5	1.0	1	ug/L	M	02/28/06	SW846 5030B	SW846 8260B	
Methylene Chloride	< 1.0	1.0	1	ug/L	M	02/28/06	SW846 5030B	SW846 8260B	
Tetrachloroethene	< 1.0	1.0	1	ug/L	M	02/28/06	SW846 5030B	SW846 8260B	
trans-1,2-Dichloroethene	< 1.0	1.0	1	ug/L	M	02/28/06	SW846 5030B	SW846 8260B	
Trichloroethene	0.88	J	1.0	1	ug/L	M	02/28/06	SW846 5030B	SW846 8260B
Vinyl Chloride	< 1.0	1.0	1	ug/L	M	02/28/06	SW846 5030B	SW846 8260B	
Surrogate		LCL	UCL						
4-Bromofluorobenzene	105	64	132	1	%		02/28/06	SW846 5030B	SW846 8260B
Toluene-d8	101	73	127	1	%		02/28/06	SW846 5030B	SW846 8260B
Dibromofluoromethane	105	68	122	1	%		02/28/06	SW846 5030B	SW846 8260B

Pace Analytical
Services, Inc.

Analytical Report Number: 869346

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE
Project Name : MEDLEY FARM
Project Number : 71243.39
Field ID : A-4

Matrix Type : GROUNDWATER
Collection Date : 02/21/06
Report Date : 03/07/06
Lab Sample Number : 869346-004

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date	Prep Method	Anl Method
Manganese - Dissolved	7300	5.0	1	ug/L		03/06/06	SW846 6010B	SW846 6010B
Alkalinity as CaCO3	590	100	5	mg/l.		03/02/06	EPA 310.2	EPA 310.2
Chloride	19	5.0	1	mg/l.		02/27/06	EPA 300.0	EPA 300.0
Sulfate	5.1	4.0	1	mg/l.		02/27/06	EPA 300.0	EPA 300.0

VOLATILES - SPECIAL LIST

Prep Date: 02/28/06

Analyte	Result	EQL	Dilution	Units	Code	Anl Date	Prep Method	Anl Method	
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/l.		02/28/06	SW846 5030B	SW846 8260B	
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/l.		02/28/06	SW846 5030B	SW846 8260B	
1,1-Dichloroethane	< 1.0	1.0	1	ug/l.		02/28/06	SW846 5030B	SW846 8260B	
1,1-Dichloroethene	< 1.0	1.0	1	ug/l.		02/28/06	SW846 5030B	SW846 8260B	
1,2-Dichloroethane	0.53	J	1.0	1	ug/l.	02/28/06	SW846 5030B	SW846 8260B	
2-Butanone	33	5.0	1	ug/l.		02/28/06	SW846 5030B	SW846 8260B	
Acetone	22	5.0	1	ug/l.		02/28/06	SW846 5030B	SW846 8260B	
Benzene	< 1.0	1.0	1	ug/l.		02/28/06	SW846 5030B	SW846 8260B	
Chloroethane	< 1.0	1.0	1	ug/l.		02/28/06	SW846 5030B	SW846 8260B	
Chloroform	< 1.0	1.0	1	ug/l.		02/28/06	SW846 5030B	SW846 8260B	
Chloromethane	< 1.0	1.0	1	ug/l.		02/28/06	SW846 5030B	SW846 8260B	
cis-1,2-Dichloroethene	8.8	1.0	1	ug/l.		02/28/06	SW846 5030B	SW846 8260B	
Methylene Chloride	< 1.0	1.0	1	ug/l.		02/28/06	SW846 5030B	SW846 8260B	
Tetrachloroethene	< 1.0	1.0	1	ug/l.		02/28/06	SW846 5030B	SW846 8260B	
trans-1,2-Dichloroethene	< 1.0	1.0	1	ug/l.		02/28/06	SW846 5030B	SW846 8260B	
Trichloroethene	< 1.0	1.0	1	ug/l.		02/28/06	SW846 5030B	SW846 8260B	
Vinyl Chloride	0.63	J	1.0	1	ug/l.	02/28/06	SW846 5030B	SW846 8260B	
Surrogate		LCL	UCL						
4-Bromofluorobenzene	107	64	132	1	%		02/28/06	SW846 5030B	SW846 8260B
Toluene-d8	102	73	127	1	%		02/28/06	SW846 5030B	SW846 8260B
Dibromofluoromethane	102	68	122	1	%		02/28/06	SW846 5030B	SW846 8260B

Pace Analytical
Services, Inc.

Analytical Report Number: 869346

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE
Project Name : MEDLEY FARM
Project Number : 71243.39
Field ID : A-3

Matrix Type : GROUNDWATER
Collection Date : 02/21/06
Report Date : 03/07/06
Lab Sample Number : 869346-005

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date	Prep Method	Anl Method
Manganese - Dissolved	5400	5.0	1	ug/L		03/06/06	SW846 6010B	SW846 6010B
Alkalinity as CaCO ₃	150	20	1	mg/L		03/02/06	EPA 310.2	EPA 310.2
Chloride	6.4	5.0	1	mg/L		02/27/06	EPA 300.0	EPA 300.0
Sulfate	2.9	B	4.0	mg/L		02/27/06	EPA 300.0	EPA 300.0

VOLATILES - SPECIAL LIST

Prep Date: 02/28/06

Analyte	Result	EQL	Dilution	Units	Code	Anl Date	Prep Method	Anl Method	
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		02/28/06	SW846 5030B	SW846 8260B	
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/L		02/28/06	SW846 5030B	SW846 8260B	
1,1-Dichloroethane	< 1.0	1.0	1	ug/L		02/28/06	SW846 5030B	SW846 8260B	
1,1-Dichloroethene	< 1.0	1.0	1	ug/L		02/28/06	SW846 5030B	SW846 8260B	
1,2-Dichloroethane	1.9	1.0	1	ug/L		02/28/06	SW846 5030B	SW846 8260B	
2-Butanone	< 5.0	5.0	1	ug/L		02/28/06	SW846 5030B	SW846 8260B	
Acetone	< 5.0	5.0	1	ug/L		02/28/06	SW846 5030B	SW846 8260B	
Benzene	< 1.0	1.0	1	ug/L		02/28/06	SW846 5030B	SW846 8260B	
Chloroethane	< 1.0	1.0	1	ug/L		02/28/06	SW846 5030B	SW846 8260B	
Chloroform	< 1.0	1.0	1	ug/L		02/28/06	SW846 5030B	SW846 8260B	
Chloromethane	< 1.0	1.0	1	ug/L		02/28/06	SW846 5030B	SW846 8260B	
cis-1,2-Dichloroethene	2.5	1.0	1	ug/L		02/28/06	SW846 5030B	SW846 8260B	
Methylene Chloride	< 1.0	1.0	1	ug/L		02/28/06	SW846 5030B	SW846 8260B	
Tetrachloroethene	0.64	J	1.0	ug/L		02/28/06	SW846 5030B	SW846 8260B	
trans-1,2-Dichloroethene	< 1.0	1.0	1	ug/L		02/28/06	SW846 5030B	SW846 8260B	
Trichloroethene	3.4	1.0	1	ug/L		02/28/06	SW846 5030B	SW846 8260B	
Vinyl Chloride	1.4	1.0	1	ug/L		02/28/06	SW846 5030B	SW846 8260B	
Surrogate		LCL	UCL						
4-Bromofluorobenzene	105	64	132	1	%		02/28/06	SW846 5030B	SW846 8260B
Toluene-d8	100	73	127	1	%		02/28/06	SW846 5030B	SW846 8260B
Dibromofluoromethane	103	68	122	1	%		02/28/06	SW846 5030B	SW846 8260B

Pace Analytical
Services, Inc.

Analytical Report Number: 869346

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE
Project Name : MEDLEY FARM
Project Number : 71243.39
Field ID : A-7

Matrix Type : GROUNDWATER
Collection Date : 02/22/06
Report Date : 03/07/06
Lab Sample Number : 869346-006

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date	Prep Method	Anl Method
Manganese - Dissolved	1200	5.0	1	ug/L		03/06/06	SW846 6010B	SW846 6010B
Alkalinity as CaCO3	99	20	1	mg/L		03/02/06	EPA 310.2	EPA 310.2
Chloride	5.1	5.0	1	mg/L		02/27/06	EPA 300.0	EPA 300.0
Sulfate	2.4	B	4.0	1		02/27/06	EPA 300.0	EPA 300.0

VOLATILES - SPECIAL LIST

Prep Date: 02/28/06

Analyte	Result	EQL	Dilution	Units	Code	Anl Date	Prep Method	Anl Method
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		02/28/06	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/L		02/28/06	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 1.0	1.0	1	ug/L		02/28/06	SW846 5030B	SW846 8260B
1,1-Dichloroethene	0.82	J	1.0	1		02/28/06	SW846 5030B	SW846 8260B
1,2-Dichloroethane	0.62	J	1.0	1		02/28/06	SW846 5030B	SW846 8260B
2-Butanone	< 5.0	5.0	1	ug/L		02/28/06	SW846 5030B	SW846 8260B
Acetone	< 5.0	5.0	1	ug/L		02/28/06	SW846 5030B	SW846 8260B
Benzene	< 1.0	1.0	1	ug/L		02/28/06	SW846 5030B	SW846 8260B
Chloroethane	< 1.0	1.0	1	ug/L		02/28/06	SW846 5030B	SW846 8260B
Chloroform	< 1.0	1.0	1	ug/L		02/28/06	SW846 5030B	SW846 8260B
Chloromethane	< 1.0	1.0	1	ug/L		02/28/06	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	9.7	1.0	1	ug/L		02/28/06	SW846 5030B	SW846 8260B
Methylene Chloride	< 1.0	1.0	1	ug/L		02/28/06	SW846 5030B	SW846 8260B
Tetrachloroethene	< 1.0	1.0	1	ug/L		02/28/06	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	< 1.0	1.0	1	ug/L		02/28/06	SW846 5030B	SW846 8260B
Trichloroethene	4.6	1.0	1	ug/L		02/28/06	SW846 5030B	SW846 8260B
Vinyl Chloride	0.53	J	1.0	1		02/28/06	SW846 5030B	SW846 8260B
Surrogate		LCL	UCL					
4-Bromofluorobenzene	105	64	132	1 %		02/28/06	SW846 5030B	SW846 8260B
Toluene-d8	100	73	127	1 %		02/28/06	SW846 5030B	SW846 8260B
Dibromofluoromethane	103	68	122	1 %		02/28/06	SW846 5030B	SW846 8260B

Pace Analytical
Services, Inc.

Analytical Report Number: 869346

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE
Project Name : MEDLEY FARM
Project Number : 71243.39
Field ID : A-2

Matrix Type : GROUNDWATER
Collection Date : 02/22/06
Report Date : 03/07/06
Lab Sample Number : 869346-007

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date	Prep Method	Anl Method
Manganese - Dissolved	5800	5.0	1	ug/L		03/06/06	SW846 6010B	SW846 6010B
Alkalinity as CaCO3	190	20	1	mg/L		03/02/06	EPA 310.2	EPA 310.2
Chloride	8.0	5.0	1	mg/L		02/27/06	EPA 300.0	EPA 300.0
Sulfate	2.7	B	4.0	1		02/27/06	EPA 300.0	EPA 300.0

VOLATILES - SPECIAL LIST

Prep Date: 02/28/06

Analyte	Result	EQL	Dilution	Units	Code	Anl Date	Prep Method	Anl Method
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		02/28/06	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/L		02/28/06	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 1.0	1.0	1	ug/L		02/28/06	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 1.0	1.0	1	ug/L		02/28/06	SW846 5030B	SW846 8260B
1,2-Dichloroethane	1.5	1.0	1	ug/L		02/28/06	SW846 5030B	SW846 8260B
2-Butanone	< 5.0	5.0	1	ug/L		02/28/06	SW846 5030B	SW846 8260B
Acetone	< 5.0	5.0	1	ug/L		02/28/06	SW846 5030B	SW846 8260B
Benzene	< 1.0	1.0	1	ug/L		02/28/06	SW846 5030B	SW846 8260B
Chloroethane	< 1.0	1.0	1	ug/L		02/28/06	SW846 5030B	SW846 8260B
Chloroform	< 1.0	1.0	1	ug/L		02/28/06	SW846 5030B	SW846 8260B
Chloromethane	< 1.0	1.0	1	ug/L		02/28/06	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	1.4	1.0	1	ug/L		02/28/06	SW846 5030B	SW846 8260B
Methylene Chloride	< 1.0	1.0	1	ug/L		02/28/06	SW846 5030B	SW846 8260B
Tetrachloroethene	< 1.0	1.0	1	ug/L		02/28/06	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	< 1.0	1.0	1	ug/L		02/28/06	SW846 5030B	SW846 8260B
Trichloroethene	< 1.0	1.0	1	ug/L		02/28/06	SW846 5030B	SW846 8260B
Vinyl Chloride	< 1.0	1.0	1	ug/L		02/28/06	SW846 5030B	SW846 8260B

Surrogate

	LCL	UCL						
4-Bromofluorobenzene	103	64	132	1	%		02/28/06	SW846 5030B
Toluene-d8	101	73	127	1	%		02/28/06	SW846 5030B
Dibromofluoromethane	100	68	122	1	%		02/28/06	SW846 5030B

Client : RMT - GREENVILLE
Project Name : MEDLEY FARM
Project Number : 71243.39
Field ID : A-1

Matrix Type : GROUNDWATER
Collection Date : 02/22/06
Report Date : 03/07/06
Lab Sample Number : 869346-008

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date	Prep Method	Anl Method
Manganese - Dissolved	6500	5.0	1	ug/L		03/06/06	SW846 6010B	SW846 6010B
Alkalinity as CaCO ₃	3200	200	10	mg/L		03/02/06	EPA 310.2	EPA 310.2
Chloride	82	25	5	mg/L	CN	02/27/06	EPA 300.0	EPA 300.0
Sulfate	2.9	B	4.0	1	N	02/27/06	EPA 300.0	EPA 300.0

VOLATILES - SPECIAL LIST

Prep Date: 02/28/06

Analyte	Result	EQL	Dilution	Units	Code	Anl Date	Prep Method	Anl Method
1,1,1-Trichloroethane	< 10	10	10	ug/L	M	02/28/06	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 10	10	10	ug/L	M	02/28/06	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 10	10	10	ug/L	M	02/28/06	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 10	10	10	ug/L	M	02/28/06	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 10	10	10	ug/L	M	02/28/06	SW846 5030B	SW846 8260B
2-Butanone	1000	50	10	ug/L	M	02/28/06	SW846 5030B	SW846 8260B
Acetone	350	50	10	ug/L	M	02/28/06	SW846 5030B	SW846 8260B
Benzene	< 10	10	10	ug/L	M	02/28/06	SW846 5030B	SW846 8260B
Chloroethane	< 10	10	10	ug/L	M	02/28/06	SW846 5030B	SW846 8260B
Chloroform	< 10	10	10	ug/L	M	02/28/06	SW846 5030B	SW846 8260B
Chloromethane	< 10	10	10	ug/L	M	02/28/06	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	< 10	10	10	ug/L	M	02/28/06	SW846 5030B	SW846 8260B
Methylene Chloride	< 10	10	10	ug/L	M	02/28/06	SW846 5030B	SW846 8260B
Tetrachloroethene	< 10	10	10	ug/L	M	02/28/06	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	< 10	10	10	ug/L	M	02/28/06	SW846 5030B	SW846 8260B
Trichloroethene	< 10	10	10	ug/L	M	02/28/06	SW846 5030B	SW846 8260B
Vinyl Chloride	< 10	10	10	ug/L	M	02/28/06	SW846 5030B	SW846 8260B
Surrogate		LCL	UCL					
4-Bromofluorobenzene	105	64	132	10 %	M	02/28/06	SW846 5030B	SW846 8260B
Toluene-d8	101	73	127	10 %	M	02/28/06	SW846 5030B	SW846 8260B
Dibromofluoromethane	105	68	122	10 %	M	02/28/06	SW846 5030B	SW846 8260B

**Pace Analytical
Services, Inc.**

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

Lab Number	TestGroupID	Field ID	Comment
869346-003	W-CL-W	A-5	C - Elevated detection limit due to matrix effect – samples with unknown components with retention time close to the Chloride.
869346-008	W-CL-W	A-1	C - Elevated detection limit due to matrix effect – samples with unknown components with retention time close to the Chloride.

Qualifier Codes

Flag	Applies To	Explanation
A	Inorganic	Analyte is detected in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
B	Inorganic	The analyte has been detected between the method detection limit and the reporting limit.
B	Organic	Analyte is present in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
C	All	Elevated detection limit.
D	All	Analyte value from diluted analysis or surrogate result not applicable due to sample dilution.
E	Inorganic	Estimated concentration due to matrix interferences. During the metals analysis the serial dilution failed to meet the established control limits of 0-10%. The sample concentration is greater than 50 times the IDL for analysis done on the ICP or 100 times the IDL for analysis done on the ICP-MS. The result was flagged with the E qualifier to indicate that a physical interference was observed.
E	Organic	Analyte concentration exceeds calibration range.
F	Inorganic	Due to potential interferences for this analysis by Inductively Coupled Plasma techniques (SW-846 Method 6010), this analyte has been confirmed by and reported from an alternate method.
F	Organic	Surrogate results outside control criteria.
G	All	The result is estimated because the concentration is less than the lowest calibration standard concentration utilized in the initial calibration. The method detection limit is less than the reporting limit specified for this project.
H	All	Preservation, extraction or analysis performed past holding time.
HF	Inorganic	This test is considered a field parameter, and the recommended holding time is 15 minutes from collection. The analysis was performed in the laboratory beyond the recommended holding time.
J	All	Concentration detected equal to or greater than the method detection limit but less than the reporting limit.
K	Inorganic	Sample received unpreserved. Sample was either preserved at the time of receipt or at the time of sample preparation.
K	Organic	Detection limit may be elevated due to the presence of an unrequested analyte.
L	All	Elevated detection limit due to low sample volume.
M	Organic	Sample pH was greater than 2
N	All	Spiked sample recovery not within control limits.
O	Organic	Sample received overweight.
P	Organic	The relative percent difference between the two columns for detected concentrations was greater than 40%.
Q	All	The analyte has been detected between the limit of detection (LOD) and limit of quantitation (LOQ). The results are qualified due to the uncertainty of analyte concentrations within this range.
S	Organic	The relative percent difference between quantitation and confirmation columns exceeds internal quality control criteria. Because the result is unconfirmed, it has been reported as a non-detect with an elevated detection limit.
U	All	The analyte was not detected at or above the reporting limit.
V	All	Sample received with headspace.
W	All	A second aliquot of sample was analyzed from a container with headspace.
X	All	See Sample Narrative.
Z	Organics	This compound was separated in the check standard but it did not meet the resolution criteria as set forth in SW846.
&	All	Laboratory Control Spike recovery not within control limits.
*	All	Precision not within control limits.
+	Inorganic	The sample result is greater than four times the spike level; therefore, the percent recovery is not evaluated.
<	All	The analyte was not detected at or above the reporting limit.
1	Inorganic	Dissolved analyte or filtered analyte greater than total analyte; analyses passed QC based on precision criteria.
2	Inorganic	Dissolved analyte or filtered analyte greater than total analyte; analyses failed QC based on precision criteria.
3	Inorganic	BOD result is estimated due to the BOD blank exceeding the allowable oxygen depletion.
4	Inorganic	BOD duplicate precision not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
5	Inorganic	BOD result is estimated due to insufficient oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
6	Inorganic	BOD laboratory control sample not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
7	Inorganic	BOD result is estimated due to complete oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.

Sample Condition Upon Receipt

PaceAnalytical

Client Name: RMT Project # 849346Courier: FedEx UPS USPS Client Commercial Pace Other _____Custody Seal on Cooler/Box Present: yes no Seals intact: yes noPacking Material: Bubble Wrap Bubble Bags None Other _____Thermometer Used JB

Type of Ice: Wet Blue None

 Samples on ice, cooling process has begunCooler Temperature 0°C

Temp should be above freezing to 6°C

Biological Tissue Is Frozen: Yes No

Date and Initials of person examining contents: 2-24-06 AB JRP

Comments:

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5.
Short Hold Time Analysis (<72hr):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	6.
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	7.
Sufficient Volume:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	8.
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.
-Pace Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	10.
Filtered volume received for Dissolved tests	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	11.
Sample Labels match COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	12.
-Includes date/time/ID/Analysis Matrix:	<u>W</u>	
All containers needing preservation have been checked.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	13. Added 1.0 MI HNO ₃ to H25M1D for O ₃ AB and O ₂ S to bring Ph to 1 <u>AB</u> 2-24-06 AB
All containers needing preservation are found to be in compliance with EPA recommendation.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	<input type="checkbox"/> Yes <input type="checkbox"/> No	Initial when completed
Samples checked for dechlorination:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	14.
Headspace in VOA Vials (>6mm):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	15.
Trip Blank Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	16.
Trip Blank Custody Seals Present	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased):		

Client Notification/ Resolution:

Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution:

_____Project Manager Review: TGTDate: 3/2/06

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers)

PROJECT WORK ORDER
Medley Farm - February 2006

Project: Medley Farm

Project Number: 71243-39

Sample Date: Feb. 20, 2006 - Mar. 3, 2006

Turnaround Time: Standard

Detection Limit: Federal DW MCL where applicable

QC Package: Level 2

RMT format EDD required.

Laboratory: Microseeps

220 William Pitt Way

Pittsburgh, PA 15238

Ph: (412) 826-5245 Fax: (412) 826-3433

Contact: Debbie Hallo or Becky Hand

Project Manager: Steve Webb

Project Contact: Brian Grothaus

Laboratory: Pace - Green Bay, WI

1241 Bellevue St.

Greenbay, WI 54302

Ph: 1-800-7-ENCHEM Fax: 920-469-8827

Contact: Tom Trainor

							COMMITMENT
							COMMITMENT
Method	20010DB	Field Kits	20010DB	300/310/24	AM21G	AM21G	COMMITMENT
Bottle	A	B	C	D	E		
Sample ID							Measure water levels on all wells.
							No MS/MSD
							*Special Volatiles List
							Acetone
							Benzene
							2-Butanone
							Chloroform
							Chloroethane
							Chloromethane
B-1							1,1-Dichloroethane
B-2							1,2-Dichloroethane
R-3							1,1-Dichloroethene
B-4							cis-1,2-Dichloroethene
BW-2							trans-1,2-dichloroethene
BW-108							Methylene chloride
BW-109							Tetrachloroethene
BW-201							Trichloroethene
BW-202							1,1,1-Trichloroethane
DP-3-1							1,1,2-Trichloroethane
DP-3-2							Vinyl chloride
MLW-1-1							Volatile Fatty Acids are to be sent to Microseeps.
MLW-1-2							
MLW-1-3							
MLW-1-4							

869.346

PROJECT WORK ORDER
Medley Farm - February 2006

Project: Medley Farm

Project Number: 71243-39

Sample Date: Feb. 20, 2006 - Mar. 3, 2006

Turnaround Time: Standard

Detection Limit: Federal DW MCL where applicable

QC Package: Level 2

RMT format EDD required.

Laboratory: Microseeps

220 William Pitt Way

Pittsburgh, PA 15238

Ph: (412) 826-5245 Fax: (412) 826-3433

Contact: Debbie Hallo or Becky Hand

Project Manager: Steve Webb

Project Contact: Brian Grothaus

Laboratory: Pace - Green Bay, WI

1241 Bellevue St.

Greenbay, WI 54302

Ph: 1-800-7-ENCHEM Fax: 920-469-8827

Contact: Tom Trainor

Sample ID	Method	Field Kit	Spec Collected	Chloride Sulfate Alkalinity	Volatile Fatty Acids	FIELD PH/DO/ORP Temp/spec	Comments
MLW-3-1	A						
MLW-3-2							
MLW-3-3							
MLW-3-4							
MW-3D							
MW-2-1							
MW-2-2							
MW-4-1							
MW-4-2							
SW-101							
SW-102							
SW-108							
SW-201							
SW-202							
SW-3							
SW-4							
FBLK-06101							
RBLK-06101							
TBLK-06101							
TBLK-06102							
TBLK-06103							

A - VOCs: three 40 mL septum vials; HCl preservative; ice; HT - 14 days

B - Dissolved Ferrous Iron: Chemetrics field test kit; HT - ASAP

C - Dissolved Manganese: one 125 mL plastic; HNO₃ to pH<2; ice; HT - 6 months

D - Chloride, Sulfate; Alkalinity: one 500 mL plastic; no preservative; ice; HT - 28 days; 14 days

E - Volatile Fatty Acids: two 40 mL clear; no preservative; ice; HT - preferred 14 day

MCL reporting (NOT MDL unless needed for MCL); "J" flagging; no SIM.

809346



(Pace)

CHAIN OF CUSTODY RECORD

76404

30 Patewood Drive, Suite 100, Patewood Plaza One, Greenville, SC 29615-3535
 Phone 864/281-0030 • Fax 864/281-0288

Project No. 71243.39 Project/Client: Medley Farm

Project Manager/Contact Person:

S. Webb/B. Grothaus

Lab No.	Yr.	Date	Time	Sample Station ID	Total Number of Containers	MATRIX
001	—	—		TBLK-D6101	3	DII
002	2/20	1350		A-6	5	GW
003	"	1510		A-5	5	/
004	2/21	1200		A-4	5	/
005	"	1600		A-3	5	/
006	2/22	0945		A-7	5	/
007	"	1145		A-2	5	/
008	"	1415		A-1	5	/

Analyses Requested	UV/CL	Manganese	CYS/HATC	PAIK	Comments:
N	Y	N			
Preserved (Code)	E	B	A		
Filtered (Yes/No)					
PRESERVED CODES					
A — NONE					
B — HNO ₃					
C — H ₂ SO ₄					
D — NaOH					
E — HCl					
F — METHANOL					
G —					

SPECIAL INSTRUCTIONS

8109346

SAMPLER Relinquished by (Signature) Date/Time
 Kent Ashby 2/23/1700 Received by (Signature)

Date/Time
 2/23/1745

HAZARDS ASSOCIATED WITH SAMPLES

- Flammable
- Corrosive
- Highly Toxic
- Other (list) _____

Turn Around (circle one)

Normal

Rush

Report Due _____

Relinquished by (Signature) Date/Time
 DHL 2/24/1700 Received by (Signature)

Date/Time
 2/24/1700

Relinquished by (Signature) Date/Time
 Received by (Signature)

Date/Time

(For Lab Use Only)

Receipt Temp: 0°C
 Temp Blank Y N

Receipt pH
 (Wet/Metals)
 *Adjusted
 See SCIR

Custody Seal: Present/Absent Intact/Not Intact Seal #s

WHITE—LABORATORY COPY

YELLOW—REPORT APPENDIX

PINK—SAMPLER/SUBMITTER



1241 Bellevue Street, Suite 9
Green Bay, WI 54302
920-469-2436, Fax: 920-469-8827

Analytical Report Number: 869388

Client: RMT - GREENVILLE

Lab Contact: Tom Trainor

Project Name: MEDLEY FARM

Project Number: 71243.39

Lab Sample Number	Field ID	Matrix	Collection Date
869388-001	B-1	GW	02/23/06 11:40
869388-002	B-2	GW	02/23/06 15:30
869388-003	SW-108	GW	02/23/06 15:30
869388-004	SW-201	GW	02/23/06 16:30
869388-005	MW-4-1	GW	02/24/06 11:00
869388-006	MW-4-2	GW	02/24/06 13:15
869388-007	SW-101	GW	02/24/06 14:35
869388-008	TBLK-06102	WATER	

I certify that the data contained in this Final Report has been generated and reviewed in accordance with approved methods and Laboratory Standard Operating Procedure. Exceptions, if any, are discussed in the accompanying sample comments. Release of this final report is authorized by Laboratory management, as is verified by the following signature. This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, Inc. The sample results relate only to the analytes of interest tested.

A handwritten signature in black ink that reads "Tom Trainor".

Approval Signature

A handwritten date in black ink that reads "3-8-06".

Date

Pace Analytical
Services, Inc.

Analytical Report Number: 869388

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE
Project Name : MEDLEY FARM
Project Number : 71243.39
Field ID : B-1

Matrix Type : GROUNDWATER
Collection Date : 02/23/06
Report Date : 03/07/06
Lab Sample Number : 869388-001

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date	Prep Method	Anl Method
Manganese - Dissolved	2900	5.0	1	ug/L		03/06/06	SW846 6010B	SW846 6010B
Alkalinity as CaCO3	5800	400	20	mg/L		03/02/06	EPA 310.2	EPA 310.2
Chloride	130	50	10	mg/L		03/01/06	EPA 300.0	EPA 300.0
Sulfate	6.9	4.0	1	mg/L		02/28/06	EPA 300.0	EPA 300.0

VOLATILES - SPECIAL LIST

Prep Date: 03/01/06

Analyte	Result	EQL	Dilution	Units	Code	Anl Date	Prep Method	Anl Method	
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L	M	03/01/06	SW846 5030B	SW846 8260B	
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/L	M	03/01/06	SW846 5030B	SW846 8260B	
1,1-Dichloroethane	< 1.0	1.0	1	ug/L	M	03/01/06	SW846 5030B	SW846 8260B	
1,1-Dichloroethene	< 1.0	1.0	1	ug/L	M	03/01/06	SW846 5030B	SW846 8260B	
1,2-Dichloroethane	0.40	J	1.0	1	ug/L	M	03/01/06	SW846 5030B	SW846 8260B
2-Butanone	91	5.0	1	ug/L	M	03/01/06	SW846 5030B	SW846 8260B	
Acetone	28	5.0	1	ug/L	M	03/01/06	SW846 5030B	SW846 8260B	
Benzene	< 1.0	1.0	1	ug/L	M	03/01/06	SW846 5030B	SW846 8260B	
Chloroethane	< 1.0	1.0	1	ug/L	M	03/01/06	SW846 5030B	SW846 8260B	
Chloroform	< 1.0	1.0	1	ug/L	M	03/01/06	SW846 5030B	SW846 8260B	
Chloromethane	< 1.0	1.0	1	ug/L	M	03/01/06	SW846 5030B	SW846 8260B	
cis-1,2-Dichloroethene	< 1.0	1.0	1	ug/L	M	03/01/06	SW846 5030B	SW846 8260B	
Methylene Chloride	< 1.0	1.0	1	ug/L	M	03/01/06	SW846 5030B	SW846 8260B	
Tetrachloroethene	< 1.0	1.0	1	ug/L	M	03/01/06	SW846 5030B	SW846 8260B	
trans-1,2-Dichloroethene	< 1.0	1.0	1	ug/L	M	03/01/06	SW846 5030B	SW846 8260B	
Trichloroethene	1.1	1.0	1	ug/L	M	03/01/06	SW846 5030B	SW846 8260B	
Vinyl Chloride	< 1.0	1.0	1	ug/L	M	03/01/06	SW846 5030B	SW846 8260B	
Surrogate		LCL	UCL						
4-Bromofluorobenzene	105	64	132	1	%		03/01/06	SW846 5030B	SW846 8260B
Toluene-d8	101	73	127	1	%		03/01/06	SW846 5030B	SW846 8260B
Dibromofluoromethane	105	68	122	1	%		03/01/06	SW846 5030B	SW846 8260B

Pace Analytical
Services, Inc.

Analytical Report Number: 869388

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE
Project Name : MEDLEY FARM
Project Number : 71243.39
Field ID : B-2

Matrix Type : GROUNDWATER
Collection Date : 02/23/06
Report Date : 03/07/06
Lab Sample Number : 869388-002

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date	Prep Method	Anl Method
Manganese - Dissolved	4200	5.0	1	ug/L		03/06/06	SW846 6010B	SW846 6010B
Alkalinity as CaCO ₃	160	20	1	mg/L		03/02/06	EPA 310.2	EPA 310.2
Chloride	7.5	5.0	1	mg/L		02/28/06	EPA 300.0	EPA 300.0
Sulfate	5.5	4.0	1	mg/L		02/28/06	EPA 300.0	EPA 300.0

VOLATILES - SPECIAL LIST

Prep Date: 03/01/06

Analyte	Result	EQL	Dilution	Units	Code	Anl Date	Prep Method	Anl Method
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		03/01/06	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/L		03/01/06	SW846 5030B	SW846 8260B
1,1-Dichloroethane	1.2	1.0	1	ug/L		03/01/06	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 1.0	1.0	1	ug/L		03/01/06	SW846 5030B	SW846 8260B
1,2-Dichloroethane	5.8	1.0	1	ug/L		03/01/06	SW846 5030B	SW846 8260B
2-Butanone	< 5.0	5.0	1	ug/L		03/01/06	SW846 5030B	SW846 8260B
Acetone	< 5.0	5.0	1	ug/L		03/01/06	SW846 5030B	SW846 8260B
Benzene	< 1.0	1.0	1	ug/L		03/01/06	SW846 5030B	SW846 8260B
Chloroethane	< 1.0	1.0	1	ug/L		03/01/06	SW846 5030B	SW846 8260B
Chloroform	< 1.0	1.0	1	ug/L		03/01/06	SW846 5030B	SW846 8260B
Chloromethane	< 1.0	1.0	1	ug/L		03/01/06	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	17	1.0	1	ug/L		03/01/06	SW846 5030B	SW846 8260B
Methylene Chloride	< 1.0	1.0	1	ug/L		03/01/06	SW846 5030B	SW846 8260B
Tetrachloroethene	< 1.0	1.0	1	ug/L		03/01/06	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	1.0	1.0	1	ug/L		03/01/06	SW846 5030B	SW846 8260B
Trichloroethene	3.1	1.0	1	ug/L		03/01/06	SW846 5030B	SW846 8260B
Vinyl Chloride	14	1.0	1	ug/L		03/01/06	SW846 5030B	SW846 8260B
Surrogate		LCL	UCL					
4-Bromofluorobenzene	107	64	132	1 %		03/01/06	SW846 5030B	SW846 8260B
Toluene-d8	100	73	127	1 %		03/01/06	SW846 5030B	SW846 8260B
Dibromofluoromethane	105	68	122	1 %		03/01/06	SW846 5030B	SW846 8260B

Pace Analytical
Services, Inc.

Analytical Report Number: 869388

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE
Project Name : MEDLEY FARM
Project Number : 71243.39
Field ID : SW-108

Matrix Type : GROUNDWATER
Collection Date : 02/23/06
Report Date : 03/07/06
Lab Sample Number : 869388-003

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date	Prep Method	Anl Method
Manganese - Dissolved	19	5.0	1	ug/L		03/06/06	SW846 6010B	SW846 6010B
Alkalinity as CaCO ₃	33	20	1	mg/L		03/02/06	EPA 310.2	EPA 310.2
Chloride	5.5	5.0	1	mg/L		02/28/06	EPA 300.0	EPA 300.0
Sulfate	3.8	B	4.0	1	mg/L	02/28/06	EPA 300.0	EPA 300.0

VOLATILES - SPECIAL LIST

Prep Date: 03/01/06

Analyte	Result	EQL	Dilution	Units	Code	Anl Date	Prep Method	Anl Method	
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		03/01/06	SW846 5030B	SW846 8260B	
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/L		03/01/06	SW846 5030B	SW846 8260B	
1,1-Dichloroethane	< 1.0	1.0	1	ug/L		03/01/06	SW846 5030B	SW846 8260B	
1,1-Dichloroethene	< 1.0	1.0	1	ug/L		03/01/06	SW846 5030B	SW846 8260B	
1,2-Dichloroethane	< 1.0	1.0	1	ug/L		03/01/06	SW846 5030B	SW846 8260B	
2-Butanone	< 5.0	5.0	1	ug/L		03/01/06	SW846 5030B	SW846 8260B	
Acetone	< 5.0	5.0	1	ug/L		03/01/06	SW846 5030B	SW846 8260B	
Benzene	< 1.0	1.0	1	ug/L		03/01/06	SW846 5030B	SW846 8260B	
Chloroethane	< 1.0	1.0	1	ug/L		03/01/06	SW846 5030B	SW846 8260B	
Chloroform	< 1.0	1.0	1	ug/L		03/01/06	SW846 5030B	SW846 8260B	
Chloromethane	< 1.0	1.0	1	ug/L		03/01/06	SW846 5030B	SW846 8260B	
cis-1,2-Dichloroethene	< 1.0	1.0	1	ug/L		03/01/06	SW846 5030B	SW846 8260B	
Methylene Chloride	< 1.0	1.0	1	ug/L		03/01/06	SW846 5030B	SW846 8260B	
Tetrachloroethene	1.9	1.0	1	ug/L		03/01/06	SW846 5030B	SW846 8260B	
trans-1,2-Dichloroethene	< 1.0	1.0	1	ug/L		03/01/06	SW846 5030B	SW846 8260B	
Trichloroethene	2.0	1.0	1	ug/L		03/01/06	SW846 5030B	SW846 8260B	
Vinyl Chloride	< 1.0	1.0	1	ug/L		03/01/06	SW846 5030B	SW846 8260B	
Surrogate		LCL	UCL						
4-Bromofluorobenzene	106	64	132	1	%		03/01/06	SW846 5030B	SW846 8260B
Toluene-d8	100	73	127	1	%		03/01/06	SW846 5030B	SW846 8260B
Dibromofluoromethane	104	68	122	1	%		03/01/06	SW846 5030B	SW846 8260B

Pace Analytical
Services, Inc.

Analytical Report Number: 869388

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE
Project Name : MEDLEY FARM
Project Number : 71243.39
Field ID : SW-201

Matrix Type : GROUNDWATER
Collection Date : 02/23/06
Report Date : 03/07/06
Lab Sample Number : 869388-004

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date	Prep Method	Anl Method
Manganese - Dissolved	10	5.0	1	ug/L		03/06/06	SW846 6010B	SW846 6010B
Alkalinity as CaCO3	37	20	1	mg/L		03/02/06	EPA 310.2	EPA 310.2
Chloride	4.3	B	5.0	mg/L		02/28/06	EPA 300.0	EPA 300.0
Sulfate	2.3	B	4.0	mg/L		02/28/06	EPA 300.0	EPA 300.0

VOLATILES - SPECIAL LIST

Prep Date: 03/01/06

Analyte	Result	EQL	Dilution	Units	Code	Anl Date	Prep Method	Anl Method
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		03/01/06	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/L		03/01/06	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 1.0	1.0	1	ug/L		03/01/06	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 1.0	1.0	1	ug/L		03/01/06	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 1.0	1.0	1	ug/L		03/01/06	SW846 5030B	SW846 8260B
2-Butanone	< 5.0	5.0	1	ug/L		03/01/06	SW846 5030B	SW846 8260B
Acetone	< 5.0	5.0	1	ug/L		03/01/06	SW846 5030B	SW846 8260B
Benzene	< 1.0	1.0	1	ug/L		03/01/06	SW846 5030B	SW846 8260B
Chloroethane	< 1.0	1.0	1	ug/L		03/01/06	SW846 5030B	SW846 8260B
Chloroform	4.3	1.0	1	ug/L		03/01/06	SW846 5030B	SW846 8260B
Chloromethane	< 1.0	1.0	1	ug/L		03/01/06	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	0.88	J	1.0	1	ug/L	03/01/06	SW846 5030B	SW846 8260B
Methylene Chloride	< 1.0	1.0	1	ug/L		03/01/06	SW846 5030B	SW846 8260B
Tetrachloroethene	5.2	1.0	1	ug/L		03/01/06	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	< 1.0	1.0	1	ug/L		03/01/06	SW846 5030B	SW846 8260B
Trichloroethene	14	1.0	1	ug/L		03/01/06	SW846 5030B	SW846 8260B
Vinyl Chloride	< 1.0	1.0	1	ug/L		03/01/06	SW846 5030B	SW846 8260B
Surrogate		LCL	UCL					
4-Bromofluorobenzene	105	64	132	1 %		03/01/06	SW846 5030B	SW846 8260B
Toluene-d8	99	73	127	1 %		03/01/06	SW846 5030B	SW846 8260B
Dibromofluoromethane	107	68	122	1 %		03/01/06	SW846 5030B	SW846 8260B

Pace Analytical
Services, Inc.

Analytical Report Number: 869388

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE
Project Name : MEDLEY FARM
Project Number : 71243.39
Field ID : MW-4-1

Matrix Type : GROUNDWATER
Collection Date : 02/24/06
Report Date : 03/07/06
Lab Sample Number : 869388-005

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date	Prep Method	Anl Method
Manganese - Dissolved	14	5.0	1	ug/L		03/06/06	SW846 6010B	SW846 6010B
Alkalinity as CaCO3	160	20	1	mg/L		03/02/06	EPA 310.2	EPA 310.2
Chloride	6.9	5.0	1	mg/L		02/28/06	EPA 300.0	EPA 300.0
Sulfate	5.8	4.0	1	mg/L		02/28/06	EPA 300.0	EPA 300.0

VOLATILES - SPECIAL LIST

Prep Date: 03/01/06

Analyte	Result	EQL	Dilution	Units	Code	Anl Date	Prep Method	Anl Method
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		03/01/06	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	4.7	1.0	1	ug/L		03/01/06	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 1.0	1.0	1	ug/L		03/01/06	SW846 5030B	SW846 8260B
1,1-Dichloroethene	1.6	1.0	1	ug/L		03/01/06	SW846 5030B	SW846 8260B
1,2-Dichloroethane	0.73	J	1.0	1	ug/L		SW846 5030B	SW846 8260B
2-Butanone	< 5.0	5.0	1	ug/L		03/01/06	SW846 5030B	SW846 8260B
Acetone	< 5.0	5.0	1	ug/L		03/01/06	SW846 5030B	SW846 8260B
Benzene	< 1.0	1.0	1	ug/L		03/01/06	SW846 5030B	SW846 8260B
Chloroethane	< 1.0	1.0	1	ug/L		03/01/06	SW846 5030B	SW846 8260B
Chloroform	23	1.0	1	ug/L		03/01/06	SW846 5030B	SW846 8260B
Chloromethane	< 1.0	1.0	1	ug/L		03/01/06	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	2.2	1.0	1	ug/L		03/01/06	SW846 5030B	SW846 8260B
Methylene Chloride	< 1.0	1.0	1	ug/L		03/01/06	SW846 5030B	SW846 8260B
Tetrachloroethene	33	1.0	1	ug/L		03/01/06	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	< 1.0	1.0	1	ug/L		03/01/06	SW846 5030B	SW846 8260B
Trichloroethene	58	1.0	1	ug/L		03/01/06	SW846 5030B	SW846 8260B
Vinyl Chloride	< 1.0	1.0	1	ug/L		03/01/06	SW846 5030B	SW846 8260B
Surrogate		LCL	UCL					
4-Bromofluorobenzene	106	64	132	1 %		03/01/06	SW846 5030B	SW846 8260B
Toluene-d8	102	73	127	1 %		03/01/06	SW846 5030B	SW846 8260B
Dibromofluoromethane	103	68	122	1 %		03/01/06	SW846 5030B	SW846 8260B

Client : RMT - GREENVILLE
Project Name : MEDLEY FARM
Project Number : 71243.39
Field ID : MW-4-2

Matrix Type : GROUNDWATER
Collection Date : 02/24/06
Report Date : 03/07/06
Lab Sample Number : 869388-006

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date	Prep Method	Anl Method
Manganese - Dissolved	7400	5.0	1	ug/L		03/06/06	SW846 6010B	SW846 6010B
Alkalinity as CaCO3	200	20	1	mg/L		03/02/06	EPA 310.2	EPA 310.2
Chloride	7.3	5.0	1	mg/L		02/28/06	EPA 300.0	EPA 300.0
Sulfate	3.7	B	4.0	1		02/28/06	EPA 300.0	EPA 300.0

VOLATILES - SPECIAL LIST

Prep Date: 03/01/06

Analyte	Result	EQL	Dilution	Units	Code	Anl Date	Prep Method	Anl Method
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		03/01/06	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	9.2	1.0	1	ug/L		03/01/06	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 1.0	1.0	1	ug/L		03/01/06	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 1.0	1.0	1	ug/L		03/01/06	SW846 5030B	SW846 8260B
1,2-Dichloroethane	1.7	1.0	1	ug/L		03/01/06	SW846 5030B	SW846 8260B
2-Butanone	< 5.0	5.0	1	ug/L		03/01/06	SW846 5030B	SW846 8260B
Acetone	3.2	J	5.0	1		03/01/06	SW846 5030B	SW846 8260B
Benzene	< 1.0	1.0	1	ug/L		03/01/06	SW846 5030B	SW846 8260B
Chloroethane	< 1.0	1.0	1	ug/L		03/01/06	SW846 5030B	SW846 8260B
Chloroform	18	1.0	1	ug/L		03/01/06	SW846 5030B	SW846 8260B
Chloromethane	< 1.0	1.0	1	ug/L		03/01/06	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	24	1.0	1	ug/L		03/01/06	SW846 5030B	SW846 8260B
Methylene Chloride	< 1.0	1.0	1	ug/L		03/01/06	SW846 5030B	SW846 8260B
Tetrachloroethene	9.8	1.0	1	ug/L		03/01/06	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	< 1.0	1.0	1	ug/L		03/01/06	SW846 5030B	SW846 8260B
Trichloroethene	31	1.0	1	ug/L		03/01/06	SW846 5030B	SW846 8260B
Vinyl Chloride	0.48	J	1.0	1		03/01/06	SW846 5030B	SW846 8260B
Surrogate		LCL	UCL					
4-Bromofluorobenzene	106	64	132	1 %		03/01/06	SW846 5030B	SW846 8260B
Toluene-d8	101	73	127	1 %		03/01/06	SW846 5030B	SW846 8260B
Dibromofluoromethane	104	68	122	1 %		03/01/06	SW846 5030B	SW846 8260B

Pace Analytical
Services, Inc.

Analytical Report Number: 869388

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE
Project Name : MEDLEY FARM
Project Number : 71243.39
Field ID : SW-101

Matrix Type : GROUNDWATER
Collection Date : 02/24/06
Report Date : 03/07/06
Lab Sample Number : 869388-007

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date	Prep Method	Anl Method
Manganese - Dissolved	11	5.0	1	ug/L		03/06/06	SW846 6010B	SW846 6010B
Alkalinity as CaCO3	92	20	1	mg/L		03/02/06	EPA 310.2	EPA 310.2
Chloride	6.2	5.0	1	mg/L		02/28/06	EPA 300.0	EPA 300.0
Sulfate	6.0	4.0	1	mg/L		02/28/06	EPA 300.0	EPA 300.0

VOLATILES - SPECIAL LIST

Prep Date: 03/01/06

Analyte	Result	EQL	Dilution	Units	Code	Anl Date	Prep Method	Anl Method	
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		03/01/06	SW846 5030B	SW846 8260B	
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/L		03/01/06	SW846 5030B	SW846 8260B	
1,1-Dichloroethane	< 1.0	1.0	1	ug/L		03/01/06	SW846 5030B	SW846 8260B	
1,1-Dichloroethene	< 1.0	1.0	1	ug/L		03/01/06	SW846 5030B	SW846 8260B	
1,2-Dichloroethane	< 1.0	1.0	1	ug/L		03/01/06	SW846 5030B	SW846 8260B	
2-Butanone	< 5.0	5.0	1	ug/L		03/01/06	SW846 5030B	SW846 8260B	
Acetone	< 5.0	5.0	1	ug/L		03/01/06	SW846 5030B	SW846 8260B	
Benzene	< 1.0	1.0	1	ug/L		03/01/06	SW846 5030B	SW846 8260B	
Chloroethane	< 1.0	1.0	1	ug/L		03/01/06	SW846 5030B	SW846 8260B	
Chloroform	< 1.0	1.0	1	ug/L		03/01/06	SW846 5030B	SW846 8260B	
Chloromethane	< 1.0	1.0	1	ug/L		03/01/06	SW846 5030B	SW846 8260B	
cis-1,2-Dichloroethene	< 1.0	1.0	1	ug/L		03/01/06	SW846 5030B	SW846 8260B	
Methylene Chloride	< 1.0	1.0	1	ug/L		03/01/06	SW846 5030B	SW846 8260B	
Tetrachloroethene	< 1.0	1.0	1	ug/L		03/01/06	SW846 5030B	SW846 8260B	
trans-1,2-Dichloroethene	< 1.0	1.0	1	ug/L		03/01/06	SW846 5030B	SW846 8260B	
Trichloroethene	< 1.0	1.0	1	ug/L		03/01/06	SW846 5030B	SW846 8260B	
Vinyl Chloride	< 1.0	1.0	1	ug/L		03/01/06	SW846 5030B	SW846 8260B	
Surrogate		LCL	UCL						
4-Bromofluorobenzene	106	64	132	1	%		03/01/06	SW846 5030B	SW846 8260B
Toluene-d8	102	73	127	1	%		03/01/06	SW846 5030B	SW846 8260B
Dibromofluoromethane	103	68	122	1	%		03/01/06	SW846 5030B	SW846 8260B

Pace Analytical
Services, Inc.

Analytical Report Number: 869388

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE
Project Name : MEDLEY FARM
Project Number : 71243.39
Field ID : TBLK-06102

Matrix Type : WATER
Collection Date :
Report Date : 03/07/06
Lab Sample Number : 869388-008

VOLATILES - SPECIAL LIST

Prep Date: 03/01/06

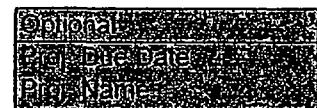
Analyte	Result	EQL	Dilution	Units	Code	Anl Date	Prep Method	Anl Method
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		03/01/06	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/L		03/01/06	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 1.0	1.0	1	ug/L		03/01/06	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 1.0	1.0	1	ug/L		03/01/06	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 1.0	1.0	1	ug/L		03/01/06	SW846 5030B	SW846 8260B
2-Butanone	< 5.0	5.0	1	ug/L		03/01/06	SW846 5030B	SW846 8260B
Acetone	2.6	J	5.0	1	ug/L	03/01/06	SW846 5030B	SW846 8260B
Benzene	< 1.0	1.0	1	ug/L		03/01/06	SW846 5030B	SW846 8260B
Chloroethane	< 1.0	1.0	1	ug/L		03/01/06	SW846 5030B	SW846 8260B
Chloroform	< 1.0	1.0	1	ug/L		03/01/06	SW846 5030B	SW846 8260B
Chloromethane	< 1.0	1.0	1	ug/L		03/01/06	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	< 1.0	1.0	1	ug/L		03/01/06	SW846 5030B	SW846 8260B
Methylene Chloride	< 1.0	1.0	1	ug/L		03/01/06	SW846 5030B	SW846 8260B
Tetrachloroethene	< 1.0	1.0	1	ug/L		03/01/06	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	< 1.0	1.0	1	ug/L		03/01/06	SW846 5030B	SW846 8260B
Trichloroethene	< 1.0	1.0	1	ug/L		03/01/06	SW846 5030B	SW846 8260B
Vinyl Chloride	< 1.0	1.0	1	ug/L		03/01/06	SW846 5030B	SW846 8260B
Surrogate		LCL	UCL					
4-Bromofluorobenzene	106	64	132	1	%		SW846 5030B	SW846 8260B
Toluene-d8	102	73	127	1	%		SW846 5030B	SW846 8260B
Dibromofluoromethane	101	68	122	1	%		SW846 5030B	SW846 8260B

Qualifier Codes

Flag	Applies To	Explanation
A	Inorganic	Analyte is detected in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
B	Inorganic	The analyte has been detected between the method detection limit and the reporting limit.
B	Organic	Analyte is present in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
C	All	Elevated detection limit.
D	All	Analyte value from diluted analysis or surrogate result not applicable due to sample dilution.
E	Inorganic	Estimated concentration due to matrix interferences. During the metals analysis the serial dilution failed to meet the established control limits of 0-10%. The sample concentration is greater than 50 times the IDL for analysis done on the ICP or 100 times the IDL for analysis done on the ICP-MS. The result was flagged with the E qualifier to indicate that a physical interference was observed.
E	Organic	Analyte concentration exceeds calibration range.
F	Inorganic	Due to potential interferences for this analysis by Inductively Coupled Plasma techniques (SW-846 Method 6010), this analyte has been confirmed by and reported from an alternate method.
F	Organic	Surrogate results outside control criteria.
G	All	The result is estimated because the concentration is less than the lowest calibration standard concentration utilized in the initial calibration. The method detection limit is less than the reporting limit specified for this project.
H	All	Preservation, extraction or analysis performed past holding time.
HF	Inorganic	This test is considered a field parameter, and the recommended holding time is 15 minutes from collection. The analysis was performed in the laboratory beyond the recommended holding time.
J	All	Concentration detected equal to or greater than the method detection limit but less than the reporting limit.
K	Inorganic	Sample received unpreserved. Sample was either preserved at the time of receipt or at the time of sample preparation.
K	Organic	Detection limit may be elevated due to the presence of an unrequested analyte.
L	All	Elevated detection limit due to low sample volume.
M	Organic	Sample pH was greater than 2
N	All	Spiked sample recovery not within control limits.
O	Organic	Sample received overweight.
P	Organic	The relative percent difference between the two columns for detected concentrations was greater than 40%.
Q	All	The analyte has been detected between the limit of detection (LOD) and limit of quantitation (LOQ). The results are qualified due to the uncertainty of analyte concentrations within this range.
S	Organic	The relative percent difference between quantitation and confirmation columns exceeds internal quality control criteria. Because the result is unconfirmed, it has been reported as a non-detect with an elevated detection limit.
U	All	The analyte was not detected at or above the reporting limit.
V	All	Sample received with headspace.
W	All	A second aliquot of sample was analyzed from a container with headspace.
X	All	See Sample Narrative.
Z	Organics	This compound was separated in the check standard but it did not meet the resolution criteria as set forth in SW846.
&	All	Laboratory Control Spike recovery not within control limits.
*	All	Precision not within control limits.
+	Inorganic	The sample result is greater than four times the spike level; therefore, the percent recovery is not evaluated.
<	All	The analyte was not detected at or above the reporting limit.
1	Inorganic	Dissolved analyte or filtered analyte greater than total analyte; analyses passed QC based on precision criteria.
2	Inorganic	Dissolved analyte or filtered analyte greater than total analyte; analyses failed QC based on precision criteria.
3	Inorganic	BOD result is estimated due to the BOD blank exceeding the allowable oxygen depletion.
4	Inorganic	BOD duplicate precision not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
5	Inorganic	BOD result is estimated due to insufficient oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
6	Inorganic	BOD laboratory control sample not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
7	Inorganic	BOD result is estimated due to complete oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.

Sample Condition Upon Receipt

PaceAnalytical

Client Name: RMT-Greenville Project # 869388Courier: FedEx UPS USPS Client Commercial Pace Other DHLCustody Seal on Cooler/Box Present: yes no Seals intact: yes noPacking Material: Bubble Wrap Bubble Bags None Other _____Thermometer Used JBType of Ice: Wet Blue None Samples on ice, cooling process has begunCooler Temperature 0.5°

Biological Tissue is Frozen: Yes No

Date and Initials of person examining contents: CS 2-28-06
CR 2/28/06

Temp should be above freezing to 6°C

Comments:

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5.
Short Hold Time Analysis (<72hr):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	6.
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	7.
Sufficient Volume:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	8.
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.
-Pace Containers Used:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	10.
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.
Sample Labels match COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	12.
-Includes date/time/ID/Analysis Matrix:	<u>N</u>	
All containers needing preservation have been checked.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	13. #001 (B-1) has pH ≈ 7.0. 5ml + HCl 3 added, pH did not change. NO more adjustments will be made. CR 2/28/06
All containers needing preservation are found to be in compliance with EPA recommendation.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	<input type="checkbox"/> Yes <input type="checkbox"/> No	Initial when completed
Samples checked for dechlorination:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	14.
Headspace in VOA Vials (>6mm):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	15.
Trip Blank Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	16. non-Pace
Trip Blank Custody Seals Present	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased):		

Client Notification/ Resolution:

Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

_____Project Manager Review: TPHDate: 3/2/06

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers)

PROJECT WORK ORDER
Medley Farm - February 2006

869388

Project: Medley Farm

Project Number: 71243.39

Sample Date: Feb. 20, 2006 - Mar. 3, 2006

Turnaround Time: Standard

Detection Limit: Federal DW MCL where applicable

QC Package: Level 2

RMT format EDD required.

Project Manager: Steve Webb

Project Contact: Brian Grothaus

Laboratory: Pace - Green Bay, WI

1241 Bellevue St.

Greenbay, WI 54302

Ph: 1-800-7-ENCHEM Fax: 920-469-8827

Contact: Tom Trainor

Analyte	VOCs	Dissolved Ferric Iron	Dissolved Manganese	Chloride/C	Volatile Fatty Acids	TOTAL Dissolved Solids	pH-DO-DOM	Stamp Spec	Comments
Method	8260B*	FieldKit	6070B	5300-4310-24	5300-4310-24	5300-4310-24	5300-4310-24	5300-4310-24	
Bottle	A	B	C	D	E				
Sample ID	Measure water levels on all wells.								
A-1									
A-2									
A-3									
A-4	*Special Volatiles List								
A-5	Acetone								
A-6	Benzene								
A-7	2-Butanone								
B-1	Chloroform								
B-2	Chloroethane								
B-3	Chloromethane								
B-4	1,1-Dichloroethane								
BW-2	1,2-Dichloroethane								
BW-108	1,1-Dichloroethene								
BW-109	cis-1,2-Dichloroethene								
BW-201	trans-1,2-dichloroethene								
BW-202	Methylene chloride								
DP-3-1	Tetrachloroethene								
DP-3-2	Trichloroethene								
MLW-1-1	1,1,1-Trichloroethane								
MLW-1-2	1,1,2-Trichloroethane								
MLW-1-3	Vinyl chloride								
MLW-1-4	Volatile Fatty Acids are to be sent to Microseeps.								

PROJECT WORK ORDER
Medley Farm - February 2006

869 388

Project: Medley Farm

Project Number: 7124339

Sample Date: Feb. 20, 2006 - Mar. 3, 2006

Turnaround Time: Standard

Detection Limit: Federal DW MCL where applicable

QC Package: Level 2

RMT format EDD required.

Project Manager: Steve Webb

Project Contact: Brian Grothaus

Laboratory: Pace - Green Bay, WI

1241 Bellevue St.

Greenbay, WI 54302

Ph: 1-800-7-ENCHEM Fax: 920-469-8827

Contact: Tom Trainor

Analyte	A - VOCs	B - Dissolved Ferrous Iron	C - Dissolved Manganese	D - Chloride, Sulfate, Alkalinity	E - Volatile Fatty Acids	FIELD	EDD OR JAN 2007	Comments
MLW-3-00	8240B	8240K	6010B	300/400/28	100/200/10	HT	2007-01-22	
MLW-3-1								
MLW-3-2								
MLW-3-3								
MLW-3-4								
MW-3D								
MW-2-1								
MW-2-2								
MW-2-3								
MW-2-4								
SW-102								
SW-202								
SW-3								
SW-4								
FBLK-06101								
RBLK-06101								
TBLK-06101								
TBLK-06103								

A - VOCs: three 40 mL septum vials; HCl preservative; ice; HT - 14 days

B - Dissolved Ferrous Iron: Chemetrics field test kit; HT - ASAP

C - Dissolved Manganese: one 125 mL plastic; HNO₃ to pH<2; ice; HT - 6 months

D - Chloride, Sulfate; Alkalinity: one 500 mL plastic; no preservative; ice; HT - 28 days; 14 days

E - Volatile Fatty Acids: two 40 mL clear; no preservative; ice; HT - preferred 14 day

MCL reporting (NOT MDL unless needed for MCL); "J" flagging; no SIM.



CHAIN OF CUSTODY RECORD

869388

76440

30 Patewood Drive, Suite 100, Patewood Plaza One, Greenville, SC 29615-3535
 Phone 864/281-0030 • Fax 864/281-0288

Project No.	Project/Client:
71245.39	Medley Farm
Project Manager/Contact Person:	
S. WEBB / B. GROTHOUSE	

Lab No.	Yr. Date	Time	Sample Station ID	Total Number of Containers	MATRIX	Analyses Requested						Comments:
						VFC	DISSE	Cloride	Sulfate	Manganese	Alkalinity	
001	2/23	1140	B-1	5	GW	3	1	1	3-40 mL Vials,	1-125mL B	1-500mL A	
002	2/23	1530	B-2	5	(3	1	1				
003	2/23	1530	SW-108	5)	3	1	1				
004	2/23	1630	SW-201	5		3	1	1				
005	2/24	1100	MW 4-1	5		3	1	1				
006	2/24	1315	MW 4-2	5		3	1	1				
007	2/24	1435	SW-101	5	GW	3	1	1				↓
008			TBLK-06102	3	DT	3						↓

SPECIAL INSTRUCTIONS

14533250572

SAMPLER Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time	HAZARDS ASSOCIATED WITH SAMPLES	Turn Around (circle one)	Normal	Rush
<i>J. Smith</i>	2/27/06 1900	DHL	2/27/06 1830	<input type="checkbox"/> Flammable <input type="checkbox"/> Corrosive <input type="checkbox"/> Highly Toxic <input type="checkbox"/> Other (list) _____	Report Due _____	(For Lab Use Only)	
Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time	Receipt Temp: <i>R01/0.50C</i>			
<i>DHL</i>	2/28 11:45	<i>C. Schuhfels</i>	2/28 11:45	Temp Blank Y <i>N</i>			
Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time	Receipt pH (Wet/Metals)			
Custody Seal: Present/ <i>Absent</i> Intact/ <i>Not Intact</i> Seal #s <i>CNA</i>							



1241 Bellevue Street, Suite 9
Green Bay, WI 54302
920-469-2436, Fax: 920-469-8827

Analytical Report Number: 869500

Client: RMT - GREENVILLE

Lab Contact: Tom Trainor

Project Name: MEDLEY FARM

Project Number: 71243.39

Lab Sample Number	Field ID	Matrix	Collection Date
869500-001	B-3	GW	02/27/06 12:20
869500-002	B-4	GW	02/27/06 16:10
869500-003	DP3-1	GW	02/27/06 08:50
869500-004	DP3-2	GW	02/28/06 12:25
869500-005	MW2-2	GW	02/28/06 11:40
869500-006	BW-2	GW	02/28/06 15:00
869500-007	SW-102	GW	02/28/06 14:45
869500-008	BW-202	GW	03/01/06 10:55
869500-009	SW-202	GW	03/01/06 11:45
869500-010	SW-4	GW	03/01/06 13:05
869500-011	MW2-1	GW	03/01/06 13:55
869500-012	MLW3-4	GW	03/01/06 09:30
869500-013	MLW3-3	GW	03/01/06 10:00
869500-014	MLW3-2	GW	03/01/06 10:30
869500-015	MLW3-1	GW	03/01/06 11:00
869500-016	MLW1-1	GW	03/01/06 14:05
869500-017	MLW1-2	GW	03/01/06 14:20
869500-018	MLW1-4	GW	03/01/06 14:40
869500-019	TBLK-06103	WATER	03/01/06

I certify that the data contained in this Final Report has been generated and reviewed in accordance with approved methods and Laboratory Standard Operating Procedure. Exceptions, if any, are discussed in the accompanying sample comments. Release of this final report is authorized by Laboratory management, as is verified by the following signature. This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, Inc. The sample results relate only to the analytes of interest tested.

Approval Signature

Date

3-13-06

**Pace Analytical
Services, Inc.**

Analytical Report Number: 869500

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE
Project Name : MEDLEY FARM
Project Number : 71243.39
Field ID : B-3

Matrix Type : GROUNDWATER
Collection Date : 02/27/06
Report Date : 03/09/06
Lab Sample Number : 869500-001

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date	Prep Method	Anl Method
Manganese - Dissolved	1000	5.0	1	ug/L		03/07/06	SW846 6010B	SW846 6010B
Alkalinity as CaCO3	110	20	1	mg/L		03/06/06	EPA 310.2	EPA 310.2
Chloride	8.3	5.0	1	mg/L	A	03/06/06	EPA 300.0	EPA 300.0
Sulfate	2.8	B	4.0	1		03/06/06	EPA 300.0	EPA 300.0

VOLATILES - SPECIAL LIST

Prep Date: 03/07/06

Analyte	Result	EQL	Dilution	Units	Code	Anl Date	Prep Method	Anl Method
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		03/07/06	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/L		03/07/06	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 1.0	1.0	1	ug/L		03/07/06	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 1.0	1.0	1	ug/L		03/07/06	SW846 5030B	SW846 8260B
1,2-Dichloroethane	3.4	1.0	1	ug/L		03/07/06	SW846 5030B	SW846 8260B
2-Butanone	< 5.0	5.0	1	ug/L	&	03/07/06	SW846 5030B	SW846 8260B
Acetone	< 5.0	5.0	1	ug/L	*	03/07/06	SW846 5030B	SW846 8260B
Benzene	< 1.0	1.0	1	ug/L		03/07/06	SW846 5030B	SW846 8260B
Chloroethane	< 1.0	1.0	1	ug/L		03/07/06	SW846 5030B	SW846 8260B
Chloroform	< 1.0	1.0	1	ug/L		03/07/06	SW846 5030B	SW846 8260B
Chloromethane	< 1.0	1.0	1	ug/L		03/07/06	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	10	1.0	1	ug/L		03/07/06	SW846 5030B	SW846 8260B
Methylene Chloride	< 1.0	1.0	1	ug/L		03/07/06	SW846 5030B	SW846 8260B
Tetrachloroethene	< 1.0	1.0	1	ug/L		03/07/06	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	< 1.0	1.0	1	ug/L		03/07/06	SW846 5030B	SW846 8260B
Trichloroethene	< 1.0	1.0	1	ug/L		03/07/06	SW846 5030B	SW846 8260B
Vinyl Chloride	1.6	1.0	1	ug/L		03/07/06	SW846 5030B	SW846 8260B
Surrogate		LCL		UCL				
4-Bromofluorobenzene	97	64	132	1	%		SW846 5030B	SW846 8260B
Toluene-d8	96	73	127	1	%		SW846 5030B	SW846 8260B
Dibromofluoromethane	99	68	122	1	%		SW846 5030B	SW846 8260B

Pace Analytical
Services, Inc.

Analytical Report Number: 869500

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE
Project Name : MEDLEY FARM
Project Number : 71243.39
Field ID : B-4

Matrix Type : GROUNDWATER
Collection Date : 02/27/06
Report Date : 03/09/06
Lab Sample Number : 869500-002

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date	Prep Method	Anl Method
Manganese - Dissolved	3200	5.0	1	ug/L		03/07/06	SW846 6010B	SW846 6010B
Alkalinity as CaCO3	2000	200	10	mg/L		03/06/06	EPA 310.2	EPA 310.2
Chloride	35	5.0	1	mg/L	A	03/06/06	EPA 300.0	EPA 300.0
Sulfate	2.6	B	4.0	1		03/06/06	EPA 300.0	EPA 300.0

VOLATILES - SPECIAL LIST

Analyte	Result	EQL	Dilution	Units	Code	Anl Date	Prep Method	Anl Method	
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L	M	03/06/06	SW846 5030B	SW846 8260B	
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/L	M	03/06/06	SW846 5030B	SW846 8260B	
1,1-Dichloroethane	< 1.0	1.0	1	ug/L	M	03/06/06	SW846 5030B	SW846 8260B	
1,1-Dichloroethene	< 1.0	1.0	1	ug/L	M	03/06/06	SW846 5030B	SW846 8260B	
1,2-Dichloroethane	0.46	J	1.0	1	ug/L	M	03/06/06	SW846 5030B	SW846 8260B
2-Butanone	140	5.0	1	ug/L	M&	03/06/06	SW846 5030B	SW846 8260B	
Acetone	35	5.0	1	ug/L	M*	03/06/06	SW846 5030B	SW846 8260B	
Benzene	< 1.0	1.0	1	ug/L	M	03/06/06	SW846 5030B	SW846 8260B	
Chloroethane	< 1.0	1.0	1	ug/L	M	03/06/06	SW846 5030B	SW846 8260B	
Chloroform	< 1.0	1.0	1	ug/L	M	03/06/06	SW846 5030B	SW846 8260B	
Chloromethane	< 1.0	1.0	1	ug/L	M	03/06/06	SW846 5030B	SW846 8260B	
cis-1,2-Dichloroethene	2.9	1.0	1	ug/L	M	03/06/06	SW846 5030B	SW846 8260B	
Methylene Chloride	< 1.0	1.0	1	ug/L	M	03/06/06	SW846 5030B	SW846 8260B	
Tetrachloroethene	< 1.0	1.0	1	ug/L	M	03/06/06	SW846 5030B	SW846 8260B	
trans-1,2-Dichloroethene	< 1.0	1.0	1	ug/L	M	03/06/06	SW846 5030B	SW846 8260B	
Trichloroethene	< 1.0	1.0	1	ug/L	M	03/06/06	SW846 5030B	SW846 8260B	
Vinyl Chloride	0.47	J	1.0	1	ug/L	M	03/06/06	SW846 5030B	SW846 8260B
Surrogate		LCL	UCL						
4-Bromofluorobenzene	97	64	132	1	%		03/06/06	SW846 5030B	SW846 8260B
Toluene-d8	100	73	127	1	%		03/06/06	SW846 5030B	SW846 8260B
Dibromofluoromethane	98	68	122	1	%		03/06/06	SW846 5030B	SW846 8260B

Client : RMT - GREENVILLE
Project Name : MEDLEY FARM
Project Number : 71243.39
Field ID : DP3-1

Matrix Type : GROUNDWATER
Collection Date : 02/27/06
Report Date : 03/09/06
Lab Sample Number : 869500-003

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date	Prep Method	Anl Method
Manganese - Dissolved	3200	5.0	1	ug/L		03/07/06	SW846 6010B	SW846 6010B
Alkalinity as CaCO3	160	20	1	mg/L		03/06/06	EPA 310.2	EPA 310.2
Chloride	13	5.0	1	mg/L	A	03/06/06	EPA 300.0	EPA 300.0
Sulfate	6.2	4.0	1	mg/L		03/06/06	EPA 300.0	EPA 300.0

VOLATILES - SPECIAL LIST

Prep Date: 03/06/06

Analyte	Result	EQL	Dilution	Units	Code	Anl Date	Prep Method	Anl Method
1,1,1-Trichloroethane	< 2.5	2.5	2.5	ug/L		03/06/06	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	33	2.5	2.5	ug/L		03/06/06	SW846 5030B	SW846 8260B
1,1-Dichloroethane	3.4	2.5	2.5	ug/L		03/06/06	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 2.5	2.5	2.5	ug/L		03/06/06	SW846 5030B	SW846 8260B
1,2-Dichloroethane	140	2.5	2.5	ug/L		03/06/06	SW846 5030B	SW846 8260B
2-Butanone	< 12	12	2.5	ug/L	&	03/06/06	SW846 5030B	SW846 8260B
Acetone	< 12	12	2.5	ug/L	*	03/06/06	SW846 5030B	SW846 8260B
Benzene	< 2.5	2.5	2.5	ug/L		03/06/06	SW846 5030B	SW846 8260B
Chloroethane	< 2.5	2.5	2.5	ug/L		03/06/06	SW846 5030B	SW846 8260B
Chloroform	10	2.5	2.5	ug/L		03/06/06	SW846 5030B	SW846 8260B
Chloromethane	< 2.5	2.5	2.5	ug/L		03/06/06	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	21	2.5	2.5	ug/L		03/06/06	SW846 5030B	SW846 8260B
Methylene Chloride	< 2.5	2.5	2.5	ug/L		03/06/06	SW846 5030B	SW846 8260B
Tetrachloroethene	2.2	J	2.5	ug/L		03/06/06	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	5.4	2.5	2.5	ug/L		03/06/06	SW846 5030B	SW846 8260B
Trichloroethene	21	2.5	2.5	ug/L		03/06/06	SW846 5030B	SW846 8260B
Vinyl Chloride	7.8	2.5	2.5	ug/L		03/06/06	SW846 5030B	SW846 8260B
Surrogate		LCL	UCL					
4-Bromofluorobenzene	100	64	132	2.5 %		03/06/06	SW846 5030B	SW846 8260B
Toluene-d8	99	73	127	2.5 %		03/06/06	SW846 5030B	SW846 8260B
Dibromofluoromethane	97	68	122	2.5 %		03/06/06	SW846 5030B	SW846 8260B

Pace Analytical
Services, Inc.

Analytical Report Number: 869500

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE
Project Name : MEDLEY FARM
Project Number : 71243.39
Field ID : DP3-2

Matrix Type : GROUNDWATER
Collection Date : 02/28/06
Report Date : 03/09/06
Lab Sample Number : 869500-004

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date	Prep Method	Anl Method
Manganese - Dissolved	3500	5.0	1	ug/L		03/07/06	SW846 6010B	SW846 6010B
Alkalinity as CaCO3	160	20	1	mg/L		03/06/06	EPA 310.2	EPA 310.2
Chloride	12	5.0	1	mg/L	A	03/06/06	EPA 300.0	EPA 300.0
Sulfate	4.8	4.0	1	mg/L		03/06/06	EPA 300.0	EPA 300.0

VOLATILES - SPECIAL LIST

Analyte	Result	EQL	Dilution	Units	Code	Anl Date	Prep Method	Anl Method
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	21	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B
1,1-Dichloroethane	0.94	J	1.0	1	ug/L	03/06/06	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B
1,2-Dichloroethane	31	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B
2-Butanone	< 5.0	5.0	1	ug/L	&	03/06/06	SW846 5030B	SW846 8260B
Acetone	< 5.0	5.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B
Benzene	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B
Chloroethane	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B
Chloroform	0.88	J	1.0	1	ug/L	03/06/06	SW846 5030B	SW846 8260B
Chloromethane	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	3.6	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B
Methylene Chloride	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B
Tetrachloroethene	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	3.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B
Trichloroethene	2.5	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B
Vinyl Chloride	0.47	J	1.0	1	ug/L	03/06/06	SW846 5030B	SW846 8260B
Surrogate		LCL	UCL					
4-Bromofluorobenzene	97	64	132	1	%		SW846 5030B	SW846 8260B
Toluene-d8	97	73	127	1	%		SW846 5030B	SW846 8260B
Dibromofluoromethane	98	68	122	1	%		SW846 5030B	SW846 8260B

Pace Analytical
Services, Inc.

Analytical Report Number: 869500

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE
Project Name : MEDLEY FARM
Project Number : 71243.39
Field ID : BW-2

Matrix Type : GROUNDWATER
Collection Date : 02/28/06
Report Date : 03/09/06
Lab Sample Number : 869500-006

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date	Prep Method	Anl Method
Manganese - Dissolved	19	5.0	1	ug/L		03/07/06	SW846 6010B	SW846 6010B
Alkalinity as CaCO3	27	20	1	mg/L		03/06/06	EPA 310.2	EPA 310.2
Chloride	7.1	5.0	1	mg/L	A	03/06/06	EPA 300.0	EPA 300.0
Sulfate	2.5	B	4.0	1		03/06/06	EPA 300.0	EPA 300.0

VOLATILES - SPECIAL LIST

Prep Date: 03/06/06

Analyte	Result	EQL	Dilution	Units	Code	Anl Date	Prep Method	Anl Method
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B
1,2-Dichloroethane	0.39	J	1.0	1	ug/L	03/06/06	SW846 5030B	SW846 8260B
2-Butanone	< 5.0	5.0	1	ug/L	&	03/06/06	SW846 5030B	SW846 8260B
Acetone	< 5.0	5.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B
Benzene	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B
Chloroethane	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B
Chloroform	2.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B
Chloromethane	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	1.4	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B
Methylene Chloride	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B
Tetrachloroethene	7.6	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B
Trichloroethene	19	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B
Vinyl Chloride	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B
Surrogate		LCL	UCL					
4-Bromofluorobenzene	99	64	132	1	%	03/06/06	SW846 5030B	SW846 8260B
Toluene-d8	98	73	127	1	%	03/06/06	SW846 5030B	SW846 8260B
Dibromofluoromethane	97	68	122	1	%	03/06/06	SW846 5030B	SW846 8260B

Client : RMT - GREENVILLE
Project Name : MEDLEY FARM
Project Number : 71243.39
Field ID : SW-102

Matrix Type : GROUNDWATER
Collection Date : 02/28/06
Report Date : 03/09/06
Lab Sample Number : 869500-007

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date	Prep Method	Anl Method
Manganese - Dissolved	11	5.0	1	ug/L		03/07/06	SW846 6010B	SW846 6010B
Alkalinity as CaCO ₃	160	20	1	mg/L		03/06/06	EPA 310.2	EPA 310.2
Chloride	5.8	5.0	1	mg/L	A	03/06/06	EPA 300.0	EPA 300.0
Sulfate	3.6	B	4.0	1		03/06/06	EPA 300.0	EPA 300.0

VOLATILES - SPECIAL LIST

Analyte	Result	EQL	Dilution	Units	Code	Anl Date	Prep Method	Anl Method
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B
2-Butanone	< 5.0	5.0	1	ug/L	&	03/06/06	SW846 5030B	SW846 8260B
Acetone	< 5.0	5.0	1	ug/L	*	03/06/06	SW846 5030B	SW846 8260B
Benzene	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B
Chloroethane	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B
Chloroform	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B
Chloromethane	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B
Methylene Chloride	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B
Tetrachloroethene	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B
Trichloroethene	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B
Vinyl Chloride	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B
Surrogate		LCL	UCL					
4-Bromofluorobenzene	101	64	132	1	%		SW846 5030B	SW846 8260B
Toluene-d8	98	73	127	1	%		SW846 5030B	SW846 8260B
Dibromofluoromethane	95	68	122	1	%		SW846 5030B	SW846 8260B

Pace Analytical
Services, Inc.

Analytical Report Number: 869500

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE
Project Name : MEDLEY FARM
Project Number : 71243.39
Field ID : BW-202

Matrix Type : GROUNDWATER
Collection Date : 03/01/06
Report Date : 03/09/06
Lab Sample Number : 869500-008

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date	Prep Method	Anl Method
Manganese - Dissolved	22	5.0	1	ug/L		03/07/06	SW846 6010B	SW846 6010B
Alkalinity as CaCO3	110	20	1	mg/L		03/06/06	EPA 310.2	EPA 310.2
Chloride	7.5	5.0	1	mg/L	A	03/06/06	EPA 300.0	EPA 300.0
Sulfate	6.5	4.0	1	mg/L		03/06/06	EPA 300.0	EPA 300.0

VOLATILES - SPECIAL LIST

Analyte	Result	EQL	Dilution	Units	Code	Anl Date	Prep Date: 03/06/06	
							Prep Method	Anl Method
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B
2-Butanone	< 5.0	5.0	1	ug/L	&	03/06/06	SW846 5030B	SW846 8260B
Acetone	< 5.0	5.0	1	ug/L	*	03/06/06	SW846 5030B	SW846 8260B
Benzene	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B
Chloroethane	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B
Chloroform	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B
Chloromethane	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B
Methylene Chloride	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B
Tetrachloroethene	4.8	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B
Trichloroethene	1.4	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B
Vinyl Chloride	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B
Surrogate		LCL	UCL					
4-Bromofluorobenzene	99	64	132	1	%		03/06/06	SW846 5030B
Toluene-d8	99	73	127	1	%		03/06/06	SW846 5030B
Dibromofluoromethane	97	68	122	1	%		03/06/06	SW846 5030B

Pace Analytical
Services, Inc.

Analytical Report Number: 869500

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE

Project Name : MEDLEY FARM

Project Number : 71243.39

Field ID : SW-202

Matrix Type : GROUNDWATER

Collection Date : 03/01/06

Report Date : 03/09/06

Lab Sample Number : 869500-009

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date	Prep Method	Anl Method	
Manganese - Dissolved	38	5.0	1	ug/L		03/07/06	SW846 6010B	SW846 6010B	
Alkalinity as CaCO ₃	13	B	20	1		03/06/06	EPA 310.2	EPA 310.2	
Chloride	5.5		5.0	1	mg/L	A	03/06/06	EPA 300.0	EPA 300.0
Sulfate	2.4	B	4.0	1	mg/L		03/06/06	EPA 300.0	EPA 300.0

VOLATILES - SPECIAL LIST

Prep Date: 03/06/06

Analyte	Result	EQL	Dilution	Units	Code	Anl Date	Prep Method	Anl Method
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B
2-Butanone	< 5.0	5.0	1	ug/L	&	03/06/06	SW846 5030B	SW846 8260B
Acetone	< 5.0	5.0	1	ug/L	*	03/06/06	SW846 5030B	SW846 8260B
Benzene	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B
Chloroethane	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B
Chloroform	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B
Chloromethane	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B
Methylene Chloride	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B
Tetrachloroethene	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B
Trichloroethene	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B
Vinyl Chloride	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B
Surrogate		LCL	UCL					
4-Bromofluorobenzene	97	64	132	1	%		SW846 5030B	SW846 8260B
Toluene-d8	98	73	127	1	%		SW846 5030B	SW846 8260B
Dibromofluoromethane	98	68	122	1	%		SW846 5030B	SW846 8260B

**Pace Analytical
Services, Inc.**

Analytical Report Number: 869500

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE
Project Name : MEDLEY FARM
Project Number : 71243.39
Field ID : SW-4

Matrix Type : GROUNDWATER
Collection Date : 03/01/06
Report Date : 03/09/06
Lab Sample Number : 869500-010

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date	Prep Method	Anl Method
Manganese - Dissolved	44	5.0	1	ug/L		03/07/06	SW846 6010B	SW846 6010B
Alkalinity as CaCO3	19	B	20	1	mg/L	03/06/06	EPA 310.2	EPA 310.2
Chloride	9.9		5.0	1	mg/L	AN	EPA 300.0	EPA 300.0
Sulfate	2.0	B	4.0	1	mg/L	N	03/06/06	EPA 300.0

VOLATILES - SPECIAL LIST

Prep Date: 03/07/06

Analyte	Result	EQL	Dilution	Units	Code	Anl Date	Prep Method	Anl Method	
1,1,1-Trichloroethane	13	1.0	1	ug/L		03/07/06	SW846 5030B	SW846 8260B	
1,1,2-Trichloroethane	1.7	1.0	1	ug/L		03/07/06	SW846 5030B	SW846 8260B	
1,1-Dichloroethane	1.1	1.0	1	ug/L		03/07/06	SW846 5030B	SW846 8260B	
1,1-Dichloroethene	22	1.0	1	ug/L		03/07/06	SW846 5030B	SW846 8260B	
1,2-Dichloroethane	0.53	J	1.0	1	ug/L		03/07/06	SW846 5030B	SW846 8260B
2-Butanone	< 5.0	5.0	1	ug/L	&	03/07/06	SW846 5030B	SW846 8260B	
Acetone	< 5.0	5.0	1	ug/L	*	03/07/06	SW846 5030B	SW846 8260B	
Benzene	< 1.0	1.0	1	ug/L		03/07/06	SW846 5030B	SW846 8260B	
Chloroethane	< 1.0	1.0	1	ug/L		03/07/06	SW846 5030B	SW846 8260B	
Chloroform	11	1.0	1	ug/L		03/07/06	SW846 5030B	SW846 8260B	
Chloromethane	< 1.0	1.0	1	ug/L		03/07/06	SW846 5030B	SW846 8260B	
cis-1,2-Dichloroethene	< 1.0	1.0	1	ug/L		03/07/06	SW846 5030B	SW846 8260B	
Methylene Chloride	< 1.0	1.0	1	ug/L		03/07/06	SW846 5030B	SW846 8260B	
Tetrachloroethene	3.9	1.0	1	ug/L		03/07/06	SW846 5030B	SW846 8260B	
trans-1,2-Dichloroethene	< 1.0	1.0	1	ug/L		03/07/06	SW846 5030B	SW846 8260B	
Trichloroethene	45	1.0	1	ug/L		03/07/06	SW846 5030B	SW846 8260B	
Vinyl Chloride	< 1.0	1.0	1	ug/L		03/07/06	SW846 5030B	SW846 8260B	
Surrogate		LCL	UCL						
4-Bromofluorobenzene	100	64	132	1	%		03/07/06	SW846 5030B	SW846 8260B
Toluene-d8	98	73	127	1	%		03/07/06	SW846 5030B	SW846 8260B
Dibromofluoromethane	98	68	122	1	%		03/07/06	SW846 5030B	SW846 8260B

Pace Analytical
Services, Inc.

Analytical Report Number: 869500

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE
Project Name : MEDLEY FARM
Project Number : 71243.39
Field ID : MW2-2

Matrix Type : GROUNDWATER
Collection Date : 02/28/06
Report Date : 03/09/06
Lab Sample Number : 869500-005

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date	Prep Method	Anl Method
Manganese - Dissolved	25	5.0	1	ug/L		03/07/06	SW846 6010B	SW846 6010B
Alkalinity as CaCO ₃	320	20	1	mg/L		03/06/06	EPA 310.2	EPA 310.2
Chloride	5.9	5.0	1	mg/L	A	03/06/06	EPA 300.0	EPA 300.0
Sulfate	6.3	4.0	1	mg/L		03/06/06	EPA 300.0	EPA 300.0

VOLATILES - SPECIAL LIST

Prep Date: 03/06/06

Analyte	Result	EQL	Dilution	Units	Code	Anl Date	Prep Method	Anl Method	
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B	
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B	
1,1-Dichloroethane	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B	
1,1-Dichloroethene	1.2	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B	
1,2-Dichloroethane	0.50	J	1.0	1	ug/L		SW846 5030B	SW846 8260B	
2-Butanone	< 5.0	5.0	1	ug/L	&	03/06/06	SW846 5030B	SW846 8260B	
Acetone	< 5.0	5.0	1	ug/L	*	03/06/06	SW846 5030B	SW846 8260B	
Benzene	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B	
Chloroethane	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B	
Chloroform	4.5	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B	
Chloromethane	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B	
cis-1,2-Dichloroethene	4.3	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B	
Methylene Chloride	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B	
Tetrachloroethene	18	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B	
trans-1,2-Dichloroethene	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B	
Trichloroethene	38	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B	
Vinyl Chloride	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B	
Surrogate		LCL	UCL						
4-Bromofluorobenzene	98	64	132	1	%		03/06/06	SW846 5030B	SW846 8260B
Toluene-d8	99	73	127	1	%		03/06/06	SW846 5030B	SW846 8260B
Dibromofluoromethane	98	68	122	1	%		03/06/06	SW846 5030B	SW846 8260B

Pace Analytical
Services, Inc.

Analytical Report Number: 869500

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE
Project Name : MEDLEY FARM
Project Number : 71243.39
Field ID : MW2-1

Matrix Type : GROUNDWATER
Collection Date : 03/01/06
Report Date : 03/09/06
Lab Sample Number : 869500-011

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date	Prep Method	Anl Method	
Manganese - Dissolved	22	5.0	1	ug/L		03/07/06	SW846 6010B	SW846 6010B	
Alkalinity as CaCO ₃	140	20	1	mg/L		03/06/06	EPA 310.2	EPA 310.2	
Chloride	4.7	B	5.0	1	mg/L	A	03/06/06	EPA 300.0	EPA 300.0
Sulfate	13	4.0	1	mg/L		03/06/06	EPA 300.0	EPA 300.0	

VOLATILES - SPECIAL LIST

Prep Date: 03/06/06

Analyte	Result	EQL	Dilution	Units	Code	Anl Date	Prep Method	Anl Method	
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B	
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B	
1,1-Dichloroethane	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B	
1,1-Dichloroethene	2.9	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B	
1,2-Dichloroethane	1.2	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B	
2-Butanone	< 5.0	5.0	1	ug/L	&	03/06/06	SW846 5030B	SW846 8260B	
Acetone	2.8	J	5.0	1	ug/L	*	SW846 5030B	SW846 8260B	
Benzene	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B	
Chloroethane	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B	
Chloroform	1.9	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B	
Chloromethane	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B	
cis-1,2-Dichloroethene	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B	
Methylene Chloride	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B	
Tetrachloroethene	5.2	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B	
trans-1,2-Dichloroethene	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B	
Trichloroethene	16	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B	
Vinyl Chloride	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B	
Surrogate		LCL	UCL						
4-Bromofluorobenzene	100	64	132	1	%		03/06/06	SW846 5030B	SW846 8260B
Toluene-d8	100	73	127	1	%		03/06/06	SW846 5030B	SW846 8260B
Dibromofluoromethane	95	68	122	1	%		03/06/06	SW846 5030B	SW846 8260B

Pace Analytical
Services, Inc.

Analytical Report Number: 869500

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE
Project Name : MEDLEY FARM
Project Number : 71243.39
Field ID : MLW3-4

Matrix Type : GROUNDWATER
Collection Date : 03/01/06
Report Date : 03/09/06
Lab Sample Number : 869500-012

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date	Prep Method	Anl Method
Manganese - Dissolved	37	5.0	1	ug/L		03/07/06	SW846 6010B	SW846 6010B
Alkalinity as CaCO ₃	47	20	1	mg/L		03/06/06	EPA 310.2	EPA 310.2
Chloride	4.1	B 5.0	1	mg/L	A	03/06/06	EPA 300.0	EPA 300.0
Sulfate	2.4	B 4.0	1	mg/L		03/06/06	EPA 300.0	EPA 300.0

VOLATILES - SPECIAL LIST

Prep Date: 03/06/06

Analyte	Result	EQL	Dilution	Units	Code	Anl Date	Prep Method	Anl Method	
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B	
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B	
1,1-Dichloroethane	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B	
1,1-Dichloroethene	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B	
1,2-Dichloroethane	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B	
2-Butanone	< 5.0	5.0	1	ug/L	&	03/06/06	SW846 5030B	SW846 8260B	
Acetone	< 5.0	5.0	1	ug/L	*	03/06/06	SW846 5030B	SW846 8260B	
Benzene	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B	
Chloroethane	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B	
Chloroform	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B	
Chloromethane	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B	
cis-1,2-Dichloroethene	0.95	J	1.0	1	ug/L		SW846 5030B	SW846 8260B	
Methylene Chloride	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B	
Tetrachloroethene	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B	
trans-1,2-Dichloroethene	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B	
Trichloroethene	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B	
Vinyl Chloride	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B	
Surrogate		LCL	UCL						
4-Bromofluorobenzene	97	64	132	1	%		03/06/06	SW846 5030B	SW846 8260B
Toluene-d8	97	73	127	1	%		03/06/06	SW846 5030B	SW846 8260B
Dibromofluoromethane	100	68	122	1	%		03/06/06	SW846 5030B	SW846 8260B

Pace Analytical
Services, Inc.

Analytical Report Number: 869500

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE
Project Name : MEDLEY FARM
Project Number : 71243.39
Field ID : MLW3-3

Matrix Type : GROUNDWATER
Collection Date : 03/01/06
Report Date : 03/09/06
Lab Sample Number : 869500-013

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date	Prep Method	Anl Method	
Manganese - Dissolved	19	5.0	1	ug/L		03/07/06	SW846 6010B	SW846 6010B	
Alkalinity as CaCO ₃	58	20	1	mg/L		03/06/06	EPA 310.2	EPA 310.2	
Chloride	4.5	B	5.0	1	mg/L	A	03/06/06	EPA 300.0	EPA 300.0
Sulfate	2.5	B	4.0	1	mg/L		03/06/06	EPA 300.0	EPA 300.0

VOLATILES - SPECIAL LIST

Prep Date: 03/06/06

Analyte	Result	EQL	Dilution	Units	Code	Anl Date	Prep Method	Anl Method	
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B	
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B	
1,1-Dichloroethane	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B	
1,1-Dichloroethene	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B	
1,2-Dichloroethane	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B	
2-Butanone	< 5.0	5.0	1	ug/L	&	03/06/06	SW846 5030B	SW846 8260B	
Acetone	< 5.0	5.0	1	ug/L	*	03/06/06	SW846 5030B	SW846 8260B	
Benzene	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B	
Chloroethane	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B	
Chloroform	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B	
Chloromethane	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B	
cis-1,2-Dichloroethene	3.7	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B	
Methylene Chloride	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B	
Tetrachloroethene	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B	
trans-1,2-Dichloroethene	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B	
Trichloroethene	0.65	J	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B
Vinyl Chloride	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B	
Surrogate		LCL		UCL					
4-Bromofluorobenzene	99	64	132	1	%		03/06/06	SW846 5030B	SW846 8260B
Toluene-d8	99	73	127	1	%		03/06/06	SW846 5030B	SW846 8260B
Dibromofluoromethane	97	68	122	1	%		03/06/06	SW846 5030B	SW846 8260B

Pace Analytical
Services, Inc.

Analytical Report Number: 869500

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE
Project Name : MEDLEY FARM
Project Number : 71243.39
Field ID : MLW3-2

Matrix Type : GROUNDWATER
Collection Date : 03/01/06
Report Date : 03/09/06
Lab Sample Number : 869500-014

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date	Prep Method	Anl Method
Manganese - Dissolved	38	5.0	1	ug/L		03/07/06	SW846 6010B	SW846 6010B
Alkalinity as CaCO ₃	76	20	1	mg/L		03/06/06	EPA 310.2	EPA 310.2
Chloride	4.4	B 5.0	1	mg/L	A	03/06/06	EPA 300.0	EPA 300.0
Sulfate	2.9	B 4.0	1	mg/L		03/06/06	EPA 300.0	EPA 300.0

VOLATILES - SPECIAL LIST

Prep Date: 03/06/06

Analyte	Result	EQL	Dilution	Units	Code	Anl Date	Prep Method	Anl Method
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B
2-Butanone	< 5.0	5.0	1	ug/L	&	03/06/06	SW846 5030B	SW846 8260B
Acetone	< 5.0	5.0	1	ug/L	*	03/06/06	SW846 5030B	SW846 8260B
Benzene	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B
Chloroethane	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B
Chloroform	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B
Chloromethane	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	7.7	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B
Methylene Chloride	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B
Tetrachloroethene	0.56	J 1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B
Trichloroethene	1.5	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B
Vinyl Chloride	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B
Surrogate		LCL	UCL					
4-Bromofluorobenzene	98	64	132	1 %		03/06/06	SW846 5030B	SW846 8260B
Toluene-d8	99	73	127	1 %		03/06/06	SW846 5030B	SW846 8260B
Dibromofluoromethane	96	68	122	1 %		03/06/06	SW846 5030B	SW846 8260B

Pace Analytical
Services, Inc.

Analytical Report Number: 869500

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE
Project Name : MEDLEY FARM
Project Number : 71243.39
Field ID : MLW3-1

Matrix Type : GROUNDWATER
Collection Date : 03/01/06
Report Date : 03/09/06
Lab Sample Number : 869500-015

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date	Prep Method	Anl Method
Manganese - Dissolved	5700	5.0	1	ug/L		03/07/06	SW846 6010B	SW846 6010B
Alkalinity as CaCO ₃	230	20	1	mg/L		03/06/06	EPA 310.2	EPA 310.2
Chloride	6.0	5.0	1	mg/L	A	03/06/06	EPA 300.0	EPA 300.0
Sulfate	27	4.0	1	mg/L		03/06/06	EPA 300.0	EPA 300.0

VOLATILES - SPECIAL LIST

Prep Date: 03/07/06

Analyte	Result	EQL	Dilution	Units	Code	Anl Date	Prep Method	Anl Method
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		03/07/06	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/L		03/07/06	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 1.0	1.0	1	ug/L		03/07/06	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 1.0	1.0	1	ug/L		03/07/06	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 1.0	1.0	1	ug/L		03/07/06	SW846 5030B	SW846 8260B
2-Butanone	6.4	5.0	1	ug/L	&	03/07/06	SW846 5030B	SW846 8260B
Acetone	28	5.0	1	ug/L	*	03/07/06	SW846 5030B	SW846 8260B
Benzene	< 1.0	1.0	1	ug/L		03/07/06	SW846 5030B	SW846 8260B
Chloroethane	< 1.0	1.0	1	ug/L		03/07/06	SW846 5030B	SW846 8260B
Chloroform	< 1.0	1.0	1	ug/L		03/07/06	SW846 5030B	SW846 8260B
Chloromethane	< 1.0	1.0	1	ug/L		03/07/06	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	21	1.0	1	ug/L		03/07/06	SW846 5030B	SW846 8260B
Methylene Chloride	< 1.0	1.0	1	ug/L		03/07/06	SW846 5030B	SW846 8260B
Tetrachloroethene	< 1.0	1.0	1	ug/L		03/07/06	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	< 1.0	1.0	1	ug/L		03/07/06	SW846 5030B	SW846 8260B
Trichloroethene	< 1.0	1.0	1	ug/L		03/07/06	SW846 5030B	SW846 8260B
Vinyl Chloride	< 1.0	1.0	1	ug/L		03/07/06	SW846 5030B	SW846 8260B
Surrogate		LCL	UCL					
4-Bromofluorobenzene	100	64	132	1 %		03/07/06	SW846 5030B	SW846 8260B
Toluene-d8	99	73	127	1 %		03/07/06	SW846 5030B	SW846 8260B
Dibromofluoromethane	96	68	122	1 %		03/07/06	SW846 5030B	SW846 8260B

Pace Analytical
Services, Inc.

Analytical Report Number: 869500

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE
Project Name : MEDLEY FARM
Project Number : 71243.39
Field ID : MLW1-1

Matrix Type : GROUNDWATER
Collection Date : 03/01/06
Report Date : 03/09/06
Lab Sample Number : 869500-016

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date	Prep Method	Anl Method	
Manganese - Dissolved	73	5.0	1	ug/L		03/07/06	SW846 6010B	SW846 6010B	
Alkalinity as CaCO ₃	130	20	1	mg/L		03/06/06	EPA 310.2	EPA 310.2	
Chloride	4.7	B	5.0	1	mg/L	A	03/06/06	EPA 300.0	EPA 300.0
Sulfate	2.8	B	4.0	1	mg/L		03/06/06	EPA 300.0	EPA 300.0

VOLATILES - SPECIAL LIST

Prep Date: 03/06/06

Analyte	Result	EQL	Dilution	Units	Code	Anl Date	Prep Method	Anl Method	
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B	
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B	
1,1-Dichloroethane	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B	
1,1-Dichloroethene	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B	
1,2-Dichloroethane	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B	
2-Butanone	7.0	5.0	1	ug/L	&	03/06/06	SW846 5030B	SW846 8260B	
Acetone	3.0	J	5.0	1	ug/L	*	SW846 5030B	SW846 8260B	
Benzene	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B	
Chloroethane	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B	
Chloroform	2.6	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B	
Chloromethane	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B	
cis-1,2-Dichloroethene	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B	
Methylene Chloride	0.75	J	1.0	1	ug/L		SW846 5030B	SW846 8260B	
Tetrachloroethene	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B	
trans-1,2-Dichloroethene	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B	
Trichloroethene	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B	
Vinyl Chloride	0.22	J	1.0	1	ug/L		SW846 5030B	SW846 8260B	
Surrogate		LCL	UCL						
4-Bromofluorobenzene	100	64	132	1	%		03/06/06	SW846 5030B	SW846 8260B
Toluene-d8	99	73	127	1	%		03/06/06	SW846 5030B	SW846 8260B
Dibromofluoromethane	96	68	122	1	%		03/06/06	SW846 5030B	SW846 8260B

Pace Analytical
Services, Inc.

Analytical Report Number: 869500

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE
Project Name : MEDLEY FARM
Project Number : 71243.39
Field ID : MLW1-2

Matrix Type : GROUNDWATER
Collection Date : 03/01/06
Report Date : 03/09/06
Lab Sample Number : 869500-017

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date	Prep Method	Anl Method	
Manganese - Dissolved	80	5.0	1	ug/L		03/07/06	SW846 6010B	SW846 6010B	
Alkalinity as CaCO3	130	20	1	mg/L		03/06/06	EPA 310.2	EPA 310.2	
Chloride	4.6	B	5.0	1	mg/L	A	03/06/06	EPA 300.0	EPA 300.0
Sulfate	< 4.0	4.0	1	mg/L		03/06/06	EPA 300.0	EPA 300.0	

VOLATILES - SPECIAL LIST

Prep Date: 03/06/06

Analyte	Result	EQL	Dilution	Units	Code	Anl Date	Prep Method	Anl Method	
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B	
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B	
1,1-Dichloroethane	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B	
1,1-Dichloroethene	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B	
1,2-Dichloroethane	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B	
2-Butanone	8.2	5.0	1	ug/L	&	03/06/06	SW846 5030B	SW846 8260B	
Acetone	8.0	5.0	1	ug/L	*	03/06/06	SW846 5030B	SW846 8260B	
Benzene	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B	
Chloroethane	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B	
Chloroform	2.4	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B	
Chloromethane	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B	
cis-1,2-Dichloroethene	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B	
Methylene Chloride	1.4	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B	
Tetrachloroethene	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B	
trans-1,2-Dichloroethene	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B	
Trichloroethene	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B	
Vinyl Chloride	0.27	J	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B
Surrogate		LCL	UCL						
4-Bromofluorobenzene	98	64	132	1	%		03/06/06	SW846 5030B	SW846 8260B
Toluene-d8	99	73	127	1	%		03/06/06	SW846 5030B	SW846 8260B
Dibromofluoromethane	95	68	122	1	%		03/06/06	SW846 5030B	SW846 8260B

Pace Analytical
Services, Inc.

Analytical Report Number: 869500

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE
Project Name : MEDLEY FARM
Project Number : 71243.39
Field ID : MLW1-4

Matrix Type : GROUNDWATER
Collection Date : 03/01/06
Report Date : 03/09/06
Lab Sample Number : 869500-018

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date	Prep Method	Anl Method	
Manganese - Dissolved	3.5	B	5.0	1	ug/L	03/07/06	SW846 6010B	SW846 6010B	
Alkalinity as CaCO3	250		20	1	mg/L	N	03/06/06	EPA 310.2	EPA 310.2
Chloride	17		5.0	1	mg/L	A	03/06/06	EPA 300.0	EPA 300.0
Sulfate	11		4.0	1	mg/L		03/06/06	EPA 300.0	EPA 300.0

VOLATILES - SPECIAL LIST

Prep Date: 03/06/06

Analyte	Result	EQL	Dilution	Units	Code	Anl Date	Prep Method	Anl Method	
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B	
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B	
1,1-Dichloroethane	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B	
1,1-Dichloroethene	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B	
1,2-Dichloroethane	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B	
2-Butanone	< 5.0	5.0	1	ug/L	&	03/06/06	SW846 5030B	SW846 8260B	
Acetone	< 5.0	5.0	1	ug/L	*	03/06/06	SW846 5030B	SW846 8260B	
Benzene	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B	
Chloroethane	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B	
Chloroform	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B	
Chloromethane	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B	
cis-1,2-Dichloroethene	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B	
Methylene Chloride	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B	
Tetrachloroethene	1.2	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B	
trans-1,2-Dichloroethene	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B	
Trichloroethene	1.2	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B	
Vinyl Chloride	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B	
Surrogate		LCL	UCL						
4-Bromofluorobenzene	99	64	132	1	%		03/06/06	SW846 5030B	SW846 8260B
Toluene-d8	99	73	127	1	%		03/06/06	SW846 5030B	SW846 8260B
Dibromofluoromethane	96	68	122	1	%		03/06/06	SW846 5030B	SW846 8260B

Pace Analytical
Services, Inc.

Analytical Report Number: 869500

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE
Project Name : MEDLEY FARM
Project Number : 71243.39
Field ID : TBLK-06103

Matrix Type : WATER
Collection Date : 03/01/06
Report Date : 03/09/06
Lab Sample Number : 869500-019

VOLATILES - SPECIAL LIST

Prep Date: 03/06/06

Analyte	Result	EQL	Dilution	Units	Code	Anl Date	Prep Method	Anl Method
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B
2-Butanone	< 5.0	5.0	1	ug/L	&	03/06/06	SW846 5030B	SW846 8260B
Acetone	< 5.0	5.0	1	ug/L	*	03/06/06	SW846 5030B	SW846 8260B
Benzene	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B
Chloroethane	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B
Chloroform	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B
Chloromethane	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B
Methylene Chloride	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B
Tetrachloroethene	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B
Trichloroethene	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B
Vinyl Chloride	< 1.0	1.0	1	ug/L		03/06/06	SW846 5030B	SW846 8260B
Surrogate		LCL	UCL					
4-Bromofluorobenzene	98	64	132	1 %		03/06/06	SW846 5030B	SW846 8260B
Toluene-d8	98	73	127	1 %		03/06/06	SW846 5030B	SW846 8260B
Dibromofluoromethane	95	68	122	1 %		03/06/06	SW846 5030B	SW846 8260B

**Pace Analytical
Services, Inc.**

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

Lab Number	TestGroupID	Field ID	Comment
869500-	W-CL-W	All Samples	A - Analyte is detected in the method blank at a concentration of 2.8 ug/L.

Qualifier Codes

Flag	Applies To	Explanation
A	Inorganic	Analyte is detected in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
B	Inorganic	The analyte has been detected between the method detection limit and the reporting limit.
B	Organic	Analyte is present in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
C	All	Elevated detection limit.
D	All	Analyte value from diluted analysis or surrogate result not applicable due to sample dilution.
E	Inorganic	Estimated concentration due to matrix interferences. During the metals analysis the serial dilution failed to meet the established control limits of 0-10%. The sample concentration is greater than 50 times the IDL for analysis done on the ICP or 100 times the IDL for analysis done on the ICP-MS. The result was flagged with the E qualifier to indicate that a physical interference was observed.
E	Organic	Analyte concentration exceeds calibration range.
F	Inorganic	Due to potential interferences for this analysis by Inductively Coupled Plasma techniques (SW-846 Method 6010), this analyte has been confirmed by and reported from an alternate method.
F	Organic	Surrogate results outside control criteria.
G	All	The result is estimated because the concentration is less than the lowest calibration standard concentration utilized in the initial calibration. The method detection limit is less than the reporting limit specified for this project.
H	All	Preservation, extraction or analysis performed past holding time.
HF	Inorganic	This test is considered a field parameter, and the recommended holding time is 15 minutes from collection. The analysis was performed in the laboratory beyond the recommended holding time.
J	All	Concentration detected equal to or greater than the method detection limit but less than the reporting limit.
K	Inorganic	Sample received unpreserved. Sample was either preserved at the time of receipt or at the time of sample preparation.
K	Organic	Detection limit may be elevated due to the presence of an unrequested analyte.
L	All	Elevated detection limit due to low sample volume.
M	Organic	Sample pH was greater than 2
N	All	Spiked sample recovery not within control limits.
O	Organic	Sample received overweight.
P	Organic	The relative percent difference between the two columns for detected concentrations was greater than 40%.
Q	All	The analyte has been detected between the limit of detection (LOD) and limit of quantitation (LOQ). The results are qualified due to the uncertainty of analyte concentrations within this range.
S	Organic	The relative percent difference between quantitation and confirmation columns exceeds internal quality control criteria. Because the result is unconfirmed, it has been reported as a non-detect with an elevated detection limit.
U	All	The analyte was not detected at or above the reporting limit.
V	All	Sample received with headspace.
W	All	A second aliquot of sample was analyzed from a container with headspace.
X	All	See Sample Narrative.
Z	Organics	This compound was separated in the check standard but it did not meet the resolution criteria as set forth in SW846.
&	All	Laboratory Control Spike recovery not within control limits.
*	All	Precision not within control limits.
+	Inorganic	The sample result is greater than four times the spike level; therefore, the percent recovery is not evaluated.
<	All	The analyte was not detected at or above the reporting limit.
1	Inorganic	Dissolved analyte or filtered analyte greater than total analyte; analyses passed QC based on precision criteria.
2	Inorganic	Dissolved analyte or filtered analyte greater than total analyte; analyses failed QC based on precision criteria.
3	Inorganic	BOD result is estimated due to the BOD blank exceeding the allowable oxygen depletion.
4	Inorganic	BOD duplicate precision not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
5	Inorganic	BOD result is estimated due to insufficient oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
6	Inorganic	BOD laboratory control sample not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
7	Inorganic	BOD result is estimated due to complete oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.

Sample Condition Upon Receipt

PaceAnalytical

Client Name: RMT-Greenville Project # 869500

Courier: Fed Ex UPS USPS Client Commercial Pace Other _____Custody Seal on Cooler/Box Present: yes no Seals intact: yes no

Opinion Date
Procedure Date
Proj. Name

Packing Material: Bubble Wrap Bubble Bags None Other _____

Thermometer Used JB

Type of Ice: Wet Blue None Samples on ice, cooling process has begun

Cooler Temperature 10 C

Biological Tissue is Frozen: Yes No

Temp should be above freezing to 6°C

Comments:

Date and Initials of person examining contents: CS 3/3/06
J 3/3/06

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5.
Short Hold Time Analysis (<72hr):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	6.
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	7.
Sufficient Volume:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	8.
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.
-Pace Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	10.
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	11.
Sample Labels match COC:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	12. SAMPLE bottle for "MLW 1-1" received blank (incomplete) - determined process of
-Includes date/time/ID/Analysis Matrix:	W	
All containers needing preservation have been checked.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	13. 0.3mLs HNO ₃ added elimination
All containers needing preservation are found to be in compliance with EPA recommendation.	CS <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	CS pH=1 3/3/06 @ 14:00
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	<input type="checkbox"/> Yes <input type="checkbox"/> No	Initial when completed
Samples checked for dechlorination:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	14. CS
Headspace in VOA Vials (>6mm):	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	15. "MW 2-2" 1-40mL vial has headspace
Trip Blank Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	16.
Trip Blank Custody Seals Present	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased):		

Client Notification/ Resolution:

Field Data Required?

Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

_____Project Manager Review: TGT

Date: 3-6-06

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers)

PROJECT WORK ORDER
Medley Farm - February 2006

869500

Project: Medley Farm

Project Number: 71243.39

Sample Date: Feb. 20, 2006 - Mar. 3, 2006

Turnaround Time: Standard

Detection Limit: Federal DW MCL where applicable

QC Package: Level 2

RMT format EDD required.

Project Manager: Steve Webb

Project Contact: Brian Grothaus

Laboratory: Pace - Green Bay, WI

1241 Bellevue St.

Greenbay, WI 54302

Ph: 1-800-7-ENCHEM Fax: 920-469-8827

Contact: Tom Trainor

Sample ID	A	B	C	D	E	Comments
A-1						Measure water levels on all wells.
A-2						No MS/MSD
A-3						
A-4						*Special Volatiles List
A-5						Acetone
A-6						Benzene
A-7						2-Butanone
B-1						Chloroform
B-2						Chloroethane
B-3						Chloromethane
B-4						1,1-Dichloroethane
BW-2						1,2-Dichloroethane
BW-108						1,1-Dichloroethene
BW-109						cis-1,2-Dichloroethene
BW-201						trans-1,2-dichloroethene
BW-202						Methylene chloride
DP-3-1						Tetrachloroethene
DP-3-2						Trichloroethene
MLW-1-1						1,1,1-Trichloroethane
MLW-1-2						1,1,2-Trichloroethane
MLW-1-3						Vinyl chloride
MLW-1-4						Volatile Fatty Acids are to be sent to Microseeps.

PROJECT WORK ORDER
Medley Farm - February 2006

869500

Project: Medley Farm

Project Number: 71243.39

Sample Date: Feb. 20, 2006 - Mar. 3, 2006

Turnaround Time: Standard

Detection Limit: Federal DW MCL where applicable

QC Package: Level 2

RMT format EDD required.

Laboratory: Microseeps

220 William Pitt Way

Pittsburgh, PA 15238

Ph: (412) 826-5245 Fax: (412) 826-3433

Contact: Debbie Hallo or Becky Hand

Project Manager: Steve Webb

Project Contact: Brian Grothaus

Laboratory: Pace - Green Bay, WI

1241 Bellevue St.

Greenbay, WI 54302

Ph: 1-800-7-ENCHEM Fax: 920-469-8827

Contact: Tom Trahan

Sample ID	VOCs	Dissolved Ferrous Iron	Dissolved Manganese	Chloride	Sulfate	Volatile Fatty Acids	pH/DO/TDS	Alkalinity	Comments
Method	A-B-C-D-E	F-G-H-I-J	K-L-M-N-O	P-Q-R-S-T	U-V-W-X	Y-Z-A-B-C	D-E-F-G-H	I-J-K-L-M	
MLW-3-1									
MLW-3-2									
MLW-3-3									
MLW-3-4									
MW-3D									
MW-2-1									
MW-2-2									
MW-4-1									
MW-4-2									
SW-101									
SW-102									
SW-103									
SW-201									
SW-202									
SW-3									
SW-4									
FBLK-06101									
RBLK-06101									
TBLK-06101									
TBLK-06102									
TBLK-06103									

A - VOCs: three 40 mL septum vials; HCl preservative; ice; HT - 14 days

B - Dissolved Ferrous Iron: Chemetrics field test kit; HT - ASAP

C - Dissolved Manganese: one 125 mL plastic; HNO₃ to pH<2; ice; HT - 6 months

D - Chloride, Sulfate; Alkalinity: one 500 mL plastic; no preservative; ice; HT - 28 days; 14 days

E - Volatile Fatty Acids: two 40 mL clear; no preservative; ice; HT - preferred 14 day

MCL reporting (NOT MDL unless needed for MCL); "J" flagging; no SIM.



CHAIN OF CUSTODY RECORD

869500

76442

30 Patewood Drive, Suite 100, Patewood Plaza One, Greenville, SC 29615-3535
 Phone 864/281-0030 • Fax 864/281-0288

Project No. 71243.39	Project/Client: <i>Medley Farm</i>
Project Manager/Contact Person: <i>S. Webb / B. Grothaus / T. Friend</i>	

Lab No.	Yr. <u>06</u>	Date	Time	Sample Station ID	Total Number of Containers	MATRIX
001	2/27	1220		B-3	5	GW
002	2/27	1610		B-4	5	
003	2/28	0850		DP3-1	5	
004	2/28	1225		DP3-2	5	
005	2/28	1140		MW2-2	5	
006	2/28	1500		BW-2	5	
007	2/28	1445		SW-102	5	
008	3/1	1055		BW-202	5	
009		1145		SW-202	5	
010	↓	1305		SW-4	5	↓

Analyses Requested	Filtered (Yes/No)	N	N	Y	N
Preserved (Code)	E	F	G	B	A
<LOC's					
Ammonium					
Sulfate					
Chloride					
Dissolved Oxygen					
Phosphate					
Iron					
Manganese					
Sulfide					
Alkalinity					
Comments:	HNO ₃ 1-500 mL				

PRESERVED CODES
 A - NONE
 B - HNO₃
 C - H₂SO₄
 D - NaOH
 E - HCl
 F - METHANOL
 G - _____

SPECIAL INSTRUCTIONS

854215051744

SAMPLER Relinquished by (Signature) <i>Kent Ashby</i>	Date/Time 3-2-06 1500	Received by (Signature) Fed EX 3-2-06	Date/Time 3-2-06	HAZARDS ASSOCIATED WITH SAMPLES	Turn Around (circle one) Normal Rush
Relinquished by (Signature) Fed EX	Date/Time 3/3 09:20	Received by (Signature) C. Schufelbun 3/3 09:20	Date/Time 3/3 09:20	<input type="checkbox"/> Flammable <input type="checkbox"/> Corrosive <input type="checkbox"/> Highly Toxic <input type="checkbox"/> Other (list) _____	Report Due _____ (For Lab Use Only)
Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time	Receipt Temp: 1°C Temp Blank Y N	Receipt pH (Wei/Metals) OK
Custody Seal: Present/Absent Intact/Not Intact	Seal #s				



CHAIN OF CUSTODY RECORD

869500 76443

30 Patewood Drive, Suite 100, Patewood Plaza One, Greenville, SC 29615-3535
Phone 864/281-0030 • Fax 864/281-0288

Project No.		Project/Client:		Total Number of Containers	MATRIX	Filtered (Yes/No)		N	N	Y		
71243,39		Medley Farm				Preserved (Code)		E	A	B		
Project Manager/Contact Person: <i>S. Webb/B.Grothaus/J. Friend</i>												
Lab No.	Yr. & #	Date	Time	Sample Station ID	Total Number of Containers	MATRIX	Analyses Requested	VOC's	Chloride	Sulfate		
011	3/1	1355		MW 2-1	5	GW	3	1	1	3-40mL vials, 1-75mL poly HNO ₃		
012		0930		MLW 3-4	5		3	1	1	1-500 mL poly		
013		1000		MLW 3-3	5		3	1	1			
014		1030		MLW 3-2	5		3	1	1			
015		1100		MLW 3-1	5		3	1	1			
016		1405		MLW 1-1	5		3	1	1			
017		1420		MLW 1-2	5		3	1	1			
018		1440		MLW 1-4	5		3	1	1	↓		
019	↓	—		TBLK-06103	3	DI	3			↓		
Comments: 1-75mL poly HNO ₃ , 1-500 mL poly												

SPECIAL INSTRUCTIONS

854215051744

SAMPLER Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time	HAZARDS ASSOCIATED WITH SAMPLES	Turn Around (circle one)	Normal	Rush
<i>Kent A. Kelly</i>	3-2-06/100	Fed EX 3-2-06		<input type="checkbox"/> Flammable <input type="checkbox"/> Corrosive <input type="checkbox"/> Highly Toxic <input type="checkbox"/> Other (list) <hr/>	Report Due		
Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time	(For Lab Use Only)			
Fed EX	3/3 09:20	C. Scheufelbe	3/3 09:20	Receipt Temp: 1°C Temp Blank Y N Receipt pH [Wet/Metals]			
Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time	<hr/>			
Custody Seal: Present <input checked="" type="radio"/> Absent <input type="radio"/> Intact <input checked="" type="radio"/> Not Intact <input type="radio"/>	Seal #s						



1241 Bellevue Street, Suite 9
Green Bay, WI 54302
920-469-2436, Fax: 920-469-8827

Analytical Report Number: 869554

Client: RMT - GREENVILLE

Lab Contact: Tom Trainor

Project Name: MEDLEY FARM

Project Number: 71243.39

Lab Sample Number	Field ID	Matrix	Collection Date
869554-001	SW-3	GW	03/02/06 10:20
869554-002	BW-109	GW	03/02/06 10:45
869554-003	BW-201	GW	03/02/06 14:15
869554-004	MW-3D	GW	03/02/06 14:15
869554-005	BW-108	GW	03/03/06 10:55
869554-006	FBLK-06101	WATER	03/03/06 08:45
869554-007	RBLK-06101	WATER	03/03/06 09:20
869554-008	TBLK-06104	WATER	
869554-009	MLW-1-3	GW	03/02/06 09:00
869554-010	MLW-1-3	GW	03/03/06 08:10

I certify that the data contained in this Final Report has been generated and reviewed in accordance with approved methods and Laboratory Standard Operating Procedure. Exceptions, if any, are discussed in the accompanying sample comments. Release of this final report is authorized by Laboratory management, as is verified by the following signature. This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, Inc. The sample results relate only to the analytes of interest tested.

Tom Trainor
Approval Signature

3-24-06
Date

Pace Analytical
Services, Inc.

Analytical Report Number: 869554

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE

Project Name : MEDLEY FARM

Project Number: 71243.39

Field ID : SW-3

Matrix Type : GROUNDWATER

Collection Date : 03/02/06

Report Date : 03/15/06

Lab Sample Number : 869554-001

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date	Prep Method	Anl Method
Manganese - Dissolved	12	5.0	1	ug/l.		03/14/06	SW846 6010B	SW846 6010B
Alkalinity as CaCO3	32	20	1	mg/L		03/15/06	EPA 310.2	EPA 310.2
Chloride	4.0	B 5.0	1	mg/L		03/07/06	EPA 300.0	EPA 300.0
Sulfate	2.0	B 4.0	1	mg/L		03/07/06	EPA 300.0	EPA 300.0

VOLATILES - SPECIAL LIST

Prep Date: 03/09/06

Analyte	Result	EQL	Dilution	Units	Code	Anl Date	Prep Method	Anl Method
1,1,1-Trichloroethane	< 2.0	2.0	2	ug/L		03/09/06	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 2.0	2.0	2	ug/L		03/09/06	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 2.0	2.0	2	ug/L		03/09/06	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 2.0	2.0	2	ug/L		03/09/06	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 2.0	2.0	2	ug/L		03/09/06	SW846 5030B	SW846 8260B
2-Butanone	< 10	10	2	ug/L	&	03/09/06	SW846 5030B	SW846 8260B
Acetone	< 10	10	2	ug/L		03/09/06	SW846 5030B	SW846 8260B
Benzene	< 2.0	2.0	2	ug/L		03/09/06	SW846 5030B	SW846 8260B
Chloroethane	< 2.0	2.0	2	ug/L		03/09/06	SW846 5030B	SW846 8260B
Chloroform	< 2.0	2.0	2	ug/L		03/09/06	SW846 5030B	SW846 8260B
Chloromethane	< 2.0	2.0	2	ug/L		03/09/06	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	6.4	2.0	2	ug/L		03/09/06	SW846 5030B	SW846 8260B
Methylene Chloride	< 2.0	2.0	2	ug/L		03/09/06	SW846 5030B	SW846 8260B
Tetrachloroethene	300	2.0	2	ug/L		03/09/06	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	< 2.0	2.0	2	ug/L		03/09/06	SW846 5030B	SW846 8260B
Trichloroethene	160	2.0	2	ug/L		03/09/06	SW846 5030B	SW846 8260B
Vinyl Chloride	< 2.0	2.0	2	ug/L		03/09/06	SW846 5030B	SW846 8260B
Surrogate		LCL	UCL					
4-Bromofluorobenzene	97	64	132	2 %		03/09/06	SW846 5030B	SW846 8260B
Toluene-d8	98	73	127	2 %		03/09/06	SW846 5030B	SW846 8260B
Dibromofluoromethane	99	68	122	2 %		03/09/06	SW846 5030B	SW846 8260B

Pace Analytical
Services, Inc.

Analytical Report Number: 869554

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE
Project Name : MEDLEY FARM
Project Number : 71243.39
Field ID : BW-109

Matrix Type : GROUNDWATER
Collection Date : 03/02/06
Report Date : 03/15/06
Lab Sample Number : 869554-002

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date	Prep Method	Anl Method
Manganese - Dissolved	13	5.0	1	ug/L		03/14/06	SW846 6010B	SW846 6010B
Alkalinity as CaCO3	50	20	1	mg/L		03/15/06	EPA 310.2	EPA 310.2
Chloride	4.6	B	5.0	1	mg/L	03/07/06	EPA 300.0	EPA 300.0
Sulfate	2.2	B	4.0	1	mg/L	03/07/06	EPA 300.0	EPA 300.0

VOLATILES - SPECIAL LIST

Prep Date: 03/09/06

Analyte	Result	EQL	Dilution	Units	Code	Anl Date	Prep Method	Anl Method	
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		03/09/06	SW846 5030B	SW846 8260B	
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/L		03/09/06	SW846 5030B	SW846 8260B	
1,1-Dichloroethane	< 1.0	1.0	1	ug/L		03/09/06	SW846 5030B	SW846 8260B	
1,1-Dichloroethene	< 1.0	1.0	1	ug/L		03/09/06	SW846 5030B	SW846 8260B	
1,2-Dichloroethane	< 1.0	1.0	1	ug/L		03/09/06	SW846 5030B	SW846 8260B	
2-Butanone	< 5.0	5.0	1	ug/L	&	03/09/06	SW846 5030B	SW846 8260B	
Acetone	< 5.0	5.0	1	ug/L		03/09/06	SW846 5030B	SW846 8260B	
Benzene	< 1.0	1.0	1	ug/L		03/09/06	SW846 5030B	SW846 8260B	
Chloroethane	< 1.0	1.0	1	ug/L		03/09/06	SW846 5030B	SW846 8260B	
Chloroform	< 1.0	1.0	1	ug/L		03/09/06	SW846 5030B	SW846 8260B	
Chloromethane	< 1.0	1.0	1	ug/L		03/09/06	SW846 5030B	SW846 8260B	
cis-1,2-Dichloroethene	< 1.0	1.0	1	ug/L		03/09/06	SW846 5030B	SW846 8260B	
Methylene Chloride	< 1.0	1.0	1	ug/L		03/09/06	SW846 5030B	SW846 8260B	
Tetrachloroethene	< 1.0	1.0	1	ug/L		03/09/06	SW846 5030B	SW846 8260B	
trans-1,2-Dichloroethene	< 1.0	1.0	1	ug/L		03/09/06	SW846 5030B	SW846 8260B	
Trichloroethene	< 1.0	1.0	1	ug/L		03/09/06	SW846 5030B	SW846 8260B	
Vinyl Chloride	< 1.0	1.0	1	ug/L		03/09/06	SW846 5030B	SW846 8260B	
Surrogate		LCL	UCL						
4-Bromofluorobenzene	98	64	132	1	%		03/09/06	SW846 5030B	SW846 8260B
Toluene-d8	100	73	127	1	%		03/09/06	SW846 5030B	SW846 8260B
Dibromofluoromethane	99	68	122	1	%		03/09/06	SW846 5030B	SW846 8260B

Pace Analytical
Services, Inc.

Analytical Report Number: 869554

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE

Project Name : MEDLEY FARM

Project Number : 71243.39

Field ID : BW-201

Matrix Type : GROUNDWATER

Collection Date : 03/02/06

Report Date : 03/15/06

Lab Sample Number : 869554-003

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date	Prep Method	Anl Method
Manganese - Dissolved	3.3	B	5.0	1	ug/L	A	03/14/06	SW846 6010B
Alkalinity as CaCO ₃	55		20	1	mg/L		03/15/06	EPA 310.2
Chloride	5.3		5.0	1	mg/L		03/07/06	EPA 300.0
Sulfate	7.6		4.0	1	mg/L		03/07/06	EPA 300.0
								EPA 300.0

VOLATILES - SPECIAL LIST

Prep Date: 03/09/06

Analyte	Result	EQL	Dilution	Units	Code	Anl Date	Prep Method	Anl Method	
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		03/09/06	SW846 5030B	SW846 8260B	
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/L		03/09/06	SW846 5030B	SW846 8260B	
1,1-Dichloroethane	< 1.0	1.0	1	ug/L		03/09/06	SW846 5030B	SW846 8260B	
1,1-Dichloroethene	< 1.0	1.0	1	ug/L		03/09/06	SW846 5030B	SW846 8260B	
1,2-Dichloroethane	< 1.0	1.0	1	ug/L		03/09/06	SW846 5030B	SW846 8260B	
2-Butanone	< 5.0	5.0	1	ug/L	&	03/09/06	SW846 5030B	SW846 8260B	
Acetone	< 5.0	5.0	1	ug/L		03/09/06	SW846 5030B	SW846 8260B	
Benzene	< 1.0	1.0	1	ug/L		03/09/06	SW846 5030B	SW846 8260B	
Chloroethane	< 1.0	1.0	1	ug/L		03/09/06	SW846 5030B	SW846 8260B	
Chloroform	< 1.0	1.0	1	ug/L		03/09/06	SW846 5030B	SW846 8260B	
Chloromethane	< 1.0	1.0	1	ug/L		03/09/06	SW846 5030B	SW846 8260B	
cis-1,2-Dichloroethene	< 1.0	1.0	1	ug/L		03/09/06	SW846 5030B	SW846 8260B	
Methylene Chloride	< 1.0	1.0	1	ug/L		03/09/06	SW846 5030B	SW846 8260B	
Tetrachloroethene	< 1.0	1.0	1	ug/L		03/09/06	SW846 5030B	SW846 8260B	
trans-1,2-Dichloroethene	< 1.0	1.0	1	ug/L		03/09/06	SW846 5030B	SW846 8260B	
Trichloroethene	0.49	J	1.0	1	ug/L		03/09/06	SW846 5030B	SW846 8260B
Vinyl Chloride	< 1.0	1.0	1	ug/L		03/09/06	SW846 5030B	SW846 8260B	
Surrogate		LCL	UCL						
4-Bromofluorobenzene	99	64	132	1	%		03/09/06	SW846 5030B	SW846 8260B
Toluene-d8	99	73	127	1	%		03/09/06	SW846 5030B	SW846 8260B
Dibromofluoromethane	99	68	122	1	%		03/09/06	SW846 5030B	SW846 8260B

**Pace Analytical
Services, Inc.**

Analytical Report Number: 869554

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE
Project Name : MEDLEY FARM
Project Number : 71243.39
Field ID : MW-3D

Matrix Type : GROUNDWATER
Collection Date : 03/02/06
Report Date : 03/15/06
Lab Sample Number : 869554-004

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date	Prep Method	Anl Method
Manganese - Dissolved	4900	5.0	1	ug/L		03/14/06	SW846 6010B	SW846 6010B
Alkalinity as CaCO3	570	100	5	mg/L		03/15/06	EPA 310.2	EPA 310.2
Chloride	11	5.0	1	mg/L		03/07/06	EPA 300.0	EPA 300.0
Sulfate	4.4	4.0	1	mg/L		03/07/06	EPA 300.0	EPA 300.0

VOLATILES - SPECIAL LIST

Prep Date: 03/09/06

Analyte	Result	EQL	Dilution	Units	Code	Anl Date	Prep Method	Anl Method	
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		03/09/06	SW846 5030B	SW846 8260B	
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/L		03/09/06	SW846 5030B	SW846 8260B	
1,1-Dichloroethane	< 1.0	1.0	1	ug/L		03/09/06	SW846 5030B	SW846 8260B	
1,1-Dichloroethene	3.1	1.0	1	ug/L		03/09/06	SW846 5030B	SW846 8260B	
1,2-Dichloroethane	2.0	1.0	1	ug/L		03/09/06	SW846 5030B	SW846 8260B	
2-Butanone	6.6	5.0	1	ug/L	&	03/09/06	SW846 5030B	SW846 8260B	
Acetone	5.4	5.0	1	ug/L		03/09/06	SW846 5030B	SW846 8260B	
Benzene	< 1.0	1.0	1	ug/L		03/09/06	SW846 5030B	SW846 8260B	
Chloroethane	< 1.0	1.0	1	ug/L		03/09/06	SW846 5030B	SW846 8260B	
Chloroform	< 1.0	1.0	1	ug/L		03/09/06	SW846 5030B	SW846 8260B	
Chloromethane	< 1.0	1.0	1	ug/L		03/09/06	SW846 5030B	SW846 8260B	
cis-1,2-Dichloroethene	97	1.0	1	ug/L		03/09/06	SW846 5030B	SW846 8260B	
Methylene Chloride	< 1.0	1.0	1	ug/L		03/09/06	SW846 5030B	SW846 8260B	
Tetrachloroethene	< 1.0	1.0	1	ug/L		03/09/06	SW846 5030B	SW846 8260B	
trans-1,2-Dichloroethene	< 1.0	1.0	1	ug/L		03/09/06	SW846 5030B	SW846 8260B	
Trichloroethene	0.58	J 1.0	1	ug/L		03/09/06	SW846 5030B	SW846 8260B	
Vinyl Chloride	0.38	J 1.0	1	ug/L		03/09/06	SW846 5030B	SW846 8260B	
Surrogate		LCL	UCL						
4-Bromofluorobenzene	98	64	132	1	%		03/09/06	SW846 5030B	SW846 8260B
Toluene-d8	100	73	127	1	%		03/09/06	SW846 5030B	SW846 8260B
Dibromofluoromethane	98	68	122	1	%		03/09/06	SW846 5030B	SW846 8260B

Pace Analytical
Services, Inc.

Analytical Report Number: 869554

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE

Project Name : MEDLEY FARM

Project Number : 71243.39

Field ID : BW-108

Matrix Type : GROUNDWATER

Collection Date : 03/03/06

Report Date : 03/15/06

Lab Sample Number : 869554-005

INORGANICS

Test	Result	EQL	Dilution	Units:	Code	Anl Date	Prep Method	Anl Method
Manganese - Dissolved	21	5.0	1	ug/L		03/14/06	SW846 6010B	SW846 6010B
Alkalinity as CaCO3	39	20	1	mg/L		03/15/06	EPA 310.2	EPA 310.2
Chloride	4.2	B	5.0	mg/L		03/07/06	EPA 300.0	EPA 300.0
Sulfate	6.3	4.0	1	mg/L		03/07/06	EPA 300.0	EPA 300.0

VOLATILES - SPECIAL LIST

Prep Date: 03/09/06

Analyte	Result	EQL	Dilution	Units	Code	Anl Date	Prep Method	Anl Method
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		03/09/06	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/L		03/09/06	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 1.0	1.0	1	ug/L		03/09/06	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 1.0	1.0	1	ug/L		03/09/06	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 1.0	1.0	1	ug/L		03/09/06	SW846 5030B	SW846 8260B
2-Butanone	< 5.0	5.0	1	ug/L	&	03/09/06	SW846 5030B	SW846 8260B
Acetone	< 5.0	5.0	1	ug/L		03/09/06	SW846 5030B	SW846 8260B
Benzene	< 1.0	1.0	1	ug/L		03/09/06	SW846 5030B	SW846 8260B
Chloroethane	< 1.0	1.0	1	ug/L		03/09/06	SW846 5030B	SW846 8260B
Chloroform	< 1.0	1.0	1	ug/L		03/09/06	SW846 5030B	SW846 8260B
Chloromethane	< 1.0	1.0	1	ug/L		03/09/06	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	< 1.0	1.0	1	ug/L		03/09/06	SW846 5030B	SW846 8260B
Methylene Chloride	< 1.0	1.0	1	ug/L		03/09/06	SW846 5030B	SW846 8260B
Tetrachloroethene	0.55	J	1.0	ug/L		03/09/06	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	< 1.0	1.0	1	ug/L		03/09/06	SW846 5030B	SW846 8260B
Trichloroethene	1.2	1.0	1	ug/L		03/09/06	SW846 5030B	SW846 8260B
Vinyl Chloride	< 1.0	1.0	1	ug/L		03/09/06	SW846 5030B	SW846 8260B
Surrogate		LCL	UCL					
4-Bromofluorobenzene	97	64	132	1 %		03/09/06	SW846 5030B	SW846 8260B
Toluene-d8	99	73	127	1 %		03/09/06	SW846 5030B	SW846 8260B
Dibromofluoromethane	97	68	122	1 %		03/09/06	SW846 5030B	SW846 8260B

Pace Analytical
Services, Inc.

Analytical Report Number: 869554

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE
Project Name : MEDLEY FARM
Project Number : 71243.39
Field ID : FBLK-06101

Matrix Type : WATER
Collection Date : 03/03/06
Report Date : 03/15/06
Lab Sample Number : 869554-006

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date	Prep Method	Anl Method
Manganese - Dissolved	0.97	B 5.0	1	ug/L	A	03/14/06	SW846 6010B	SW846 6010B
Alkalinity as CaCO3	< 20	20	1	mg/L		03/15/06	EPA 310.2	EPA 310.2
Chloride	2.7	B 5.0	1	mg/L		03/07/06	EPA 300.0	EPA 300.0
Sulfate	< 4.0	4.0	1	mg/L		03/07/06	EPA 300.0	EPA 300.0

VOLATILES - SPECIAL LIST

Prep Date: 03/09/06

Analyte	Result	EQL	Dilution	Units	Code	Anl Date	Prep Method	Anl Method
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		03/09/06	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/L		03/09/06	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 1.0	1.0	1	ug/L		03/09/06	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 1.0	1.0	1	ug/L		03/09/06	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 1.0	1.0	1	ug/L		03/09/06	SW846 5030B	SW846 8260B
2-Butanone	< 5.0	5.0	1	ug/L	&	03/09/06	SW846 5030B	SW846 8260B
Acetone	< 5.0	5.0	1	ug/L		03/09/06	SW846 5030B	SW846 8260B
Benzene	< 1.0	1.0	1	ug/L		03/09/06	SW846 5030B	SW846 8260B
Chloroethane	< 1.0	1.0	1	ug/L		03/09/06	SW846 5030B	SW846 8260B
Chloroform	< 1.0	1.0	1	ug/L		03/09/06	SW846 5030B	SW846 8260B
Chloromethane	< 1.0	1.0	1	ug/L		03/09/06	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	< 1.0	1.0	1	ug/L		03/09/06	SW846 5030B	SW846 8260B
Methylene Chloride	< 1.0	1.0	1	ug/L		03/09/06	SW846 5030B	SW846 8260B
Tetrachloroethene	< 1.0	1.0	1	ug/L		03/09/06	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	< 1.0	1.0	1	ug/L		03/09/06	SW846 5030B	SW846 8260B
Trichloroethene	< 1.0	1.0	1	ug/L		03/09/06	SW846 5030B	SW846 8260B
Vinyl Chloride	< 1.0	1.0	1	ug/L		03/09/06	SW846 5030B	SW846 8260B
Surrogate		LCL	UCL					
4-Bromofluorobenzene	97	64	132	1	%	03/09/06	SW846 5030B	SW846 8260B
Toluene-d8	100	73	127	1	%	03/09/06	SW846 5030B	SW846 8260B
Dibromofluoromethane	99	68	122	1	%	03/09/06	SW846 5030B	SW846 8260B

Pace Analytical
Services, Inc.

Analytical Report Number: 869554

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE
Project Name : MEDLEY FARM
Project Number : 71243.39
Field ID : RBLK-06101

Matrix Type : WATER
Collection Date : 03/03/06
Report Date : 03/15/06
Lab Sample Number : 869554-007

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date	Prep Method	Anl Method
Manganese - Dissolved	0.91	B	5.0	1	ug/L	A	03/14/06	SW846 6010B
Alkalinity as CaCO ₃	< 20		20	1	mg/L		03/15/06	EPA 310.2
Chloride	2.7	B	5.0	1	mg/L		03/07/06	EPA 300.0
Sulfate	< 4.0		4.0	1	mg/L		03/07/06	EPA 300.0
								EPA 300.0

VOLATILES - SPECIAL LIST

Prep Date: 03/09/06

Analyte	Result	EQL	Dilution	Units	Code	Anl Date	Prep Method	Anl Method
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		03/09/06	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/L		03/09/06	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 1.0	1.0	1	ug/L		03/09/06	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 1.0	1.0	1	ug/L		03/09/06	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 1.0	1.0	1	ug/L		03/09/06	SW846 5030B	SW846 8260B
2-Butanone	< 5.0	5.0	1	ug/L	&	03/09/06	SW846 5030B	SW846 8260B
Acetone	< 5.0	5.0	1	ug/L		03/09/06	SW846 5030B	SW846 8260B
Benzene	< 1.0	1.0	1	ug/L		03/09/06	SW846 5030B	SW846 8260B
Chloroethane	< 1.0	1.0	1	ug/L		03/09/06	SW846 5030B	SW846 8260B
Chloroform	< 1.0	1.0	1	ug/L		03/09/06	SW846 5030B	SW846 8260B
Chloromethane	< 1.0	1.0	1	ug/L		03/09/06	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	< 1.0	1.0	1	ug/L		03/09/06	SW846 5030B	SW846 8260B
Methylene Chloride	< 1.0	1.0	1	ug/L		03/09/06	SW846 5030B	SW846 8260B
Tetrachloroethene	< 1.0	1.0	1	ug/L		03/09/06	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	< 1.0	1.0	1	ug/L		03/09/06	SW846 5030B	SW846 8260B
Trichloroethene	< 1.0	1.0	1	ug/L		03/09/06	SW846 5030B	SW846 8260B
Vinyl Chloride	< 1.0	1.0	1	ug/L		03/09/06	SW846 5030B	SW846 8260B
Surrogate		LCL	UCL					
4-Bromofluorobenzene	98	64	132	1	%		03/09/06	SW846 5030B
Toluene-d8	100	73	127	1	%		03/09/06	SW846 5030B
Dibromofluoromethane	98	68	122	1	%		03/09/06	SW846 5030B

Pace Analytical
Services, Inc.

Analytical Report Number: 869554

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE
Project Name : MEDLEY FARM
Project Number : 71243.39
Field ID : TBLK-06104

Matrix Type : WATER
Collection Date :
Report Date : 03/15/06
Lab Sample Number : 869554-008

VOLATILES - SPECIAL LIST

Prep Date: 03/09/06

Analyte	Result	EQL	Dilution	Units	Code	Anl Date	Prep Method	Anl Method
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		03/09/06	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/L		03/09/06	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 1.0	1.0	1	ug/L		03/09/06	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 1.0	1.0	1	ug/L		03/09/06	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 1.0	1.0	1	ug/L		03/09/06	SW846 5030B	SW846 8260B
2-Butanone	< 5.0	5.0	1	ug/L	&	03/09/06	SW846 5030B	SW846 8260B
Acetone	< 5.0	5.0	1	ug/L		03/09/06	SW846 5030B	SW846 8260B
Benzene	< 1.0	1.0	1	ug/L		03/09/06	SW846 5030B	SW846 8260B
Chloroethane	< 1.0	1.0	1	ug/L		03/09/06	SW846 5030B	SW846 8260B
Chloroform	< 1.0	1.0	1	ug/L		03/09/06	SW846 5030B	SW846 8260B
Chloromethane	< 1.0	1.0	1	ug/L		03/09/06	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	< 1.0	1.0	1	ug/L		03/09/06	SW846 5030B	SW846 8260B
Methylene Chloride	< 1.0	1.0	1	ug/L		03/09/06	SW846 5030B	SW846 8260B
Tetrachloroethene	< 1.0	1.0	1	ug/L		03/09/06	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	< 1.0	1.0	1	ug/L		03/09/06	SW846 5030B	SW846 8260B
Trichloroethene	< 1.0	1.0	1	ug/L		03/09/06	SW846 5030B	SW846 8260B
Vinyl Chloride	< 1.0	1.0	1	ug/L		03/09/06	SW846 5030B	SW846 8260B
Surrogate		LCL	UCL					
4-Bromofluorobenzene	99	64	132	1	%	03/09/06	SW846 5030B	SW846 8260B
Toluene-d8	99	73	127	1	%	03/09/06	SW846 5030B	SW846 8260B
Dibromofluoromethane	100	68	122	1	%	03/09/06	SW846 5030B	SW846 8260B

Pace Analytical
Services, Inc.

Analytical Report Number: 869554

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE

Project Name : MEDLEY FARM

Project Number : 71243.39

Field ID : MLW-1-3

Matrix Type : GROUNDWATER

Collection Date : 03/02/06

Report Date : 03/15/06

Lab Sample Number : 869554-009

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date	Prep Method	Anl Method
Manganese - Dissolved	10	5.0	1	ug/L		03/14/06	SW846 6010B	SW846 6010B

VOLATILES - SPECIAL LIST

Prep Date: 03/09/06

Analyte	Result	EQL	Dilution	Units	Code	Anl Date	Prep Method	Anl Method
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		03/09/06	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/L		03/09/06	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 1.0	1.0	1	ug/L		03/09/06	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 1.0	1.0	1	ug/L		03/09/06	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 1.0	1.0	1	ug/L		03/09/06	SW846 5030B	SW846 8260B
2-Butanone	< 5.0	5.0	1	ug/L	&	03/09/06	SW846 5030B	SW846 8260B
Acetone	56	5.0	1	ug/L		03/09/06	SW846 5030B	SW846 8260B
Benzene	< 1.0	1.0	1	ug/L		03/09/06	SW846 5030B	SW846 8260B
Chloroethane	< 1.0	1.0	1	ug/L		03/09/06	SW846 5030B	SW846 8260B
Chloroform	0.90	J	1.0	1	ug/L	03/09/06	SW846 5030B	SW846 8260B
Chloromethane	< 1.0	1.0	1	ug/L		03/09/06	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	< 1.0	1.0	1	ug/L		03/09/06	SW846 5030B	SW846 8260B
Methylene Chloride	< 1.0	1.0	1	ug/L		03/09/06	SW846 5030B	SW846 8260B
Tetrachloroethene	< 1.0	1.0	1	ug/L		03/09/06	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	< 1.0	1.0	1	ug/L		03/09/06	SW846 5030B	SW846 8260B
Trichloroethene	< 1.0	1.0	1	ug/L		03/09/06	SW846 5030B	SW846 8260B
Vinyl Chloride	< 1.0	1.0	1	ug/L		03/09/06	SW846 5030B	SW846 8260B
Surrogate		LCL	UCL					
4-Bromofluorobenzene	99	64	132	1 %		03/09/06	SW846 5030B	SW846 8260B
Toluene-d8	98	73	127	1 %		03/09/06	SW846 5030B	SW846 8260B
Dibromofluoromethane	99	68	122	1 %		03/09/06	SW846 5030B	SW846 8260B

Pace Analytical
Services, Inc.

Analytical Report Number: 869554

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE

Project Name : MEDLEY FARM

Project Number : 71243.39

Field ID : MLW-1-3

Matrix Type : GROUNDWATER

Collection Date : 03/03/06

Report Date : 03/15/06

Lab Sample Number : 869554-010

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date	Prep Method	Anl Method
Alkalinity as CaCO ₃	370	20	1	mg/L		03/15/06	EPA 310.2	EPA 310.2
Chloride	12	5.0	1	mg/L		03/07/06	EPA 300.0	EPA 300.0
Sulfate	150	40	10	mg/L		03/08/06	EPA 300.0	EPA 300.0

**Pace Analytical
Services, Inc.**

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

Lab Number	TestGroupID	Field ID	Comment
869554-	M-MN-D	All Samples	A - Analyte is detected in the method blank at a concentration of -.43 ug/L.

Qualifier Codes

Flag	Applies To	Explanation
A	Inorganic	Analyte is detected in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
B	Inorganic	The analyte has been detected between the method detection limit and the reporting limit.
B	Organic	Analyte is present in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
C	All	Elevated detection limit.
D	All	Analyte value from diluted analysis or surrogate result not applicable due to sample dilution.
E	Inorganic	Estimated concentration due to matrix interferences. During the metals analysis the serial dilution failed to meet the established control limits of 0-10%. The sample concentration is greater than 50 times the IDL for analysis done on the ICP or 100 times the IDL for analysis done on the ICP-MS. The result was flagged with the E qualifier to indicate that a physical interference was observed.
E	Organic	Analyte concentration exceeds calibration range.
F	Inorganic	Due to potential interferences for this analysis by Inductively Coupled Plasma techniques (SW-846 Method 6010), this analyte has been confirmed by and reported from an alternate method.
F	Organic	Surrogate results outside control criteria.
G	All	The result is estimated because the concentration is less than the lowest calibration standard concentration utilized in the initial calibration. The method detection limit is less than the reporting limit specified for this project.
H	All	Preservation, extraction or analysis performed past holding time.
HF	Inorganic	This test is considered a field parameter, and the recommended holding time is 15 minutes from collection. The analysis was performed in the laboratory beyond the recommended holding time.
J	All	Concentration detected equal to or greater than the method detection limit but less than the reporting limit.
K	Inorganic	Sample received unpreserved. Sample was either preserved at the time of receipt or at the time of sample preparation.
K	Organic	Detection limit may be elevated due to the presence of an unrequested analyte.
L	All	Elevated detection limit due to low sample volume.
M	Organic	Sample pH was greater than 2
N	All	Spiked sample recovery not within control limits.
O	Organic	Sample received overweight.
P	Organic	The relative percent difference between the two columns for detected concentrations was greater than 40%.
Q	All	The analyte has been detected between the limit of detection (LOD) and limit of quantitation (LOQ). The results are qualified due to the uncertainty of analyte concentrations within this range.
S	Organic	The relative percent difference between quantitation and confirmation columns exceeds internal quality control criteria. Because the result is unconfirmed, it has been reported as a non-detect with an elevated detection limit.
U	All	The analyte was not detected at or above the reporting limit.
V	All	Sample received with headspace.
W	All	A second aliquot of sample was analyzed from a container with headspace.
X	All	See Sample Narrative.
Z	Organics	This compound was separated in the check standard but it did not meet the resolution criteria as set forth in SW846.
&	All	Laboratory Control Spike recovery not within control limits.
*	All	Precision not within control limits.
+	Inorganic	The sample result is greater than four times the spike level; therefore, the percent recovery is not evaluated.
<	All	The analyte was not detected at or above the reporting limit.
1	Inorganic	Dissolved analyte or filtered analyte greater than total analyte; analyses passed QC based on precision criteria.
2	Inorganic	Dissolved analyte or filtered analyte greater than total analyte; analyses failed QC based on precision criteria.
3	Inorganic	BOD result is estimated due to the BOD blank exceeding the allowable oxygen depletion.
4	Inorganic	BOD duplicate precision not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
5	Inorganic	BOD result is estimated due to insufficient oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
6	Inorganic	BOD laboratory control sample not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
7	Inorganic	BOD result is estimated due to complete oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.

Sample Condition Upon Receipt

Pace Analytical

Client Name: RMT - greenville Project # 869554

Courier: FedEx UPS USPS Client Commercial Pace Other DHLCustody Seal on Cooler/Box Present: Yes No Seals intact: Yes No

Optional
Preservative date _____
Preservative name _____

Packing Material: Bubble Wrap Bubble Bags None Other _____

Thermometer Used JB

Type of Ice: Wet Blue None Samples on ice, cooling process has begun

Cooler Temperature 0.5°C

Biological Tissue is Frozen: Yes No

Temp should be above freezing to 6°C

Comments:

Date and Initials of person examining
contents: CS 8/7/06
60 3-7-06

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5.
Short Hold Time Analysis (<72hr):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	6.
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	7.
Sufficient Volume:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	8.
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.
-Pace Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	10.
Filtered volume received for Dissolved tests	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	11.
Sample Labels match COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	12.
-Includes date/time/ID/Analysis Matrix:	<input checked="" type="checkbox"/> W	
All containers needing preservation have been checked.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	CS
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	<input type="checkbox"/> Yes <input type="checkbox"/> No	Initial when completed
Samples checked for dechlorination:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	14.
Headspace in VOA Vials (>6mm):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	15.
Trip Blank Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	16.
Trip Blank Custody Seals Present	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased):		

Client Notification/ Resolution:

Field Data Required?

Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

_____Project Manager Review: TM

Date: 3-8-06

Note: Whenever there is a discrepancy affecting North Carolina compliance samples; a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. out of hold, incorrect preservative, out of temp, incorrect containers)

869554

PROJECT WORK ORDER
Medley Farm - February 2006

Project: Medley Farm

Project Number: 71243.39

Sample Date: Feb. 20, 2006 - Mar. 3, 2006

Turnaround Time: Standard

Detection Limit: Federal DW MCL where applicable

QC Package: Level 2

RMT format EDD required.

Laboratory: Microseeps

220 William Pitt Way

Pittsburgh, PA 15238

Ph: (412) 826-5245 Fax: (412) 826-3433

Contact: Debbie Hallo or Becky Hand

Project Manager: Steve Webb

Project Contact: Brian Grothaus

Laboratory: Pace - Green Bay, WI

1241 Bellevue St.

Greenbay, WI 54302

Ph: 1-800-7-ENCHEM Fax: 920-469-8827

Contact: Tom Trainor

Analyte	VOC	Dissolved Ferrous	Dissolved Manganese	Chloride & Sulfate	Volatile Fatty Acids	FIELD	Comments
Method	260B	Franklin	6010B	3003-10-21	24M21G	WDO-ORP	
Bottle	A	B	C	D	E		
Sample ID							Measure water levels on all wells.
A-1							
A-2							No MS/MSD
A-3							
A-4							<u>*Special Volatiles List</u>
A-5							Acetone
A-6							Benzene
A-7							2-Butanone
B-1							Chloroform
B-2							Chloroethane
B-3							Chloromethane
B-4							1,1-Dichloroethane
BW-2							1,2-Dichloroethane
BW-201							1,1-Dichloroethene
BW-202							cis-1,2-Dichloroethene
BW-203							trans-1,2-dichloroethene
BW-204							Methylene chloride
BW-205							Tetrachloroethene
DP-3-1							Trichloroethene
DP-3-2							1,1,1-Trichloroethane
MLW-1-1							1,1,2-Trichloroethane
MLW-1-2							Vinyl chloride
MLW-1-3							Volatile Fatty Acids are to be sent to Microseeps.
MLW-1-4							

869554

PROJECT WORK ORDER
Medley Farm - February 2006

Project: Medley Farm

Project Number: 71243-39

Sample Date: Feb. 20, 2006 - Mar. 3, 2006

Turnaround Time: Standard

Detection Limit: Federal DW MCL where applicable

QC Package: Level 2

RMT format EDD required.

Laboratory: Microseeps

220 William Pitt Way

Pittsburgh, PA 15238

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Contact: Debbie Hallo or Becky Hand

Project Manager: Steve Webb

Project Contact: Brian Grothaus

Laboratory: Pace - Green Bay, WI

1241 Bellevue St.

Greenbay, WI 54302

Ph: 1-800-7-ENCHEM Fax: 920-469-8827

Contact: Tom Trainor

Sample ID	Location	Dissolved Ferrous Iron	Dissolved Manganese	Volatile Fatty Acids	Chloride, Sulfate, Alkalinity	pH DO ORP	Temp, Spec Cond	Comments
MLW-3-1								
MLW-3-2								
MLW-3-3								
MLW-3-4								
MLW-3D								
MW-2-1								
MW-2-2								
MW-4-1								
MW-4-2								
SW-101								
SW-102								
SW-108								
SW-201								
SW-202								
SW-4								
TBLK-06101								
TBLK-06102								
TBLK-06103								

A - VOCs: three 40 mL septum vials; HCl preservative; ice; HT - 14 days

B - Dissolved Ferrous Iron: Chemetrics field test kit; HT - ASAP

C - Dissolved Manganese: one 125 mL plastic; HNO₃ to pH<2; ice; HT - 6 months

D - Chloride, Sulfate; Alkalinity: one 500 mL plastic; no preservative; ice; HT - 28 days; 14 days

E - Volatile Fatty Acids: two 40 mL clear; no preservative; ice; HT - preferred 14 day

MCL reporting (NOT MDL unless needed for MCL); "J" flagging; no SIM.



CHAIN OF CUSTODY RECORD

869554

76455

30 Patewood Drive, Suite 100, Patewood Plaza One, Greenville, SC 29615-3535
 Phone 864/281-0030 • Fax 864/281-0288

Project No. 7124-39	Project/Client: <i>Medley Farm</i>
Project Manager/Contact Person: <i>S. WEBB / B. CROTHOUSE / J. FRIEND</i>	

Lab No.	Yr. <u>06</u> Date	Time	Sample Station ID	Total Number of Containers	MATRIX	Analyses Requested						Comments:					
						VOC	3	1	1	Dissolved Chloride	Magnesium Chloride + Alkalinity Sulfate	N	V/N	E	B	R	
001	3/2	1020	SW-3	5	GW											1-125 mL vials, poly-B	1-500 mL poly-A
002	5	1045	BW-109	5													
003	5	1415	BW-201	5													
004	32	1415	MW-3D	5													
005	3/3	1055	BW-108	5	GW												
006	3/3	0845	FBLK-06101	5	DI												
007	3/3	0920	FBLK-06101	5	DI												
008			TBLK 06104	3	DI												
009	3/2	0900	MLW-1-3	4	GW												1-125 mL Poly-B
010	3/3	0810	MLW-1-3	1	GW												1-500 mL Poly-A

SPECIAL INSTRUCTIONS

14533258272

SAMPLER Relinquished by (Signature) <i>Kay Jabs</i>	Date/Time 3/6/04 1500	Received by (Signature) DHL	Date/Time 3/6/04 1830	HAZARDS ASSOCIATED WITH SAMPLES	Turn Around (circle one) Normal Rush
Relinquished by (Signature) DHL	Date/Time 3/7 11:50	Received by (Signature) C.Schufelbein	Date/Time 3/7 11:50	<input type="checkbox"/> Flammable <input type="checkbox"/> Corrosive <input type="checkbox"/> Highly Toxic <input type="checkbox"/> Other (list) _____	Report Due _____ (For Lab Use Only)
Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time		Receipt Temp: 0.5°C Temp Blank Y N
Custody Seal: Present <input checked="" type="radio"/> Absent <input type="radio"/> Intact <input checked="" type="radio"/> Not Intact Seal #s 2					Receipt pH (Wet/Metals) OK



Client Name: RMT, Inc.
 Contact: Steve Webb
 Address: Patewood Plaza One
 Suite 100
 30 Patewood Drive
 Greenville, SC 29615-3535

Page: Page 1 of 10
 Lab Proj #: P0603086
 Report Date: 03/17/06
 Client Proj Name: Medley Farm
 Client Proj #: 71243.39

Laboratory Results

<u>Lab Sample #</u>	<u>Client Sample ID</u>
P0603086-01	SW 3
P0603086-02	BW-109
P0603086-03	BW-201
P0603086-04	MW-3D
P0603086-05	BW-108
P0603086-06	FBLK-06101
P0603086-07	RBLK-06101
P0603086-08	MLW 1-3

Total pages in data package: 14

Microseeps test results meet all the requirements of the NELAC standards.

Approved By: Aubrie Hall

The analytical results reported here are reliable and usable to the precision expressed in this report. As required by some regulating authorities, a full discussion of the uncertainty in our analytical results can be obtained at our web site or through customer service. Unless otherwise specified, all results are reported on a wet weight basis.

As a valued client we would appreciate your comments on our service.
 Please call customer service at (412)826-5245 or email customerservice@microseeps.com.

Case Narrative

QC-LCH, 3/22/06: COC, TEMP, METHOD, HT, DL, MB, LCS, MS/MSD ✓ HT-14 DAYS✓
 QC✓

Client Name: RMT, Inc.
Contact: Steve Webb
Address: Patewood Plaza One
Suite 100
30 Patewood Drive
Greenville, SC 29615-3535

Page: Page 2 of 10
Lab Proj #: P0603086
Report Date: 03/17/06
Client Proj Name: Medley Farm
Client Proj #: 71243.39

Sample Description	Matrix	Lab Sample #		Sampled Date/Time		Received	
Analyte(s)	Flag	Result	PQL	Units	Method #	Analysis Date	By
SemiVolatiles							
Acetic Acid	J	0.47	1.00	mg/L	AM21G	3/15/06	td
Butyric acid	U	< 1.00	1.00	mg/L	AM21G	3/15/06	td
Lactic Acid	U	< 25.00	25.00	mg/L	AM21G	3/15/06	td
Propionic acid	U	< 1.00	1.00	mg/L	AM21G	3/15/06	td
Pyruvic acid	U	< 10.00	10.00	mg/L	AM21G	3/15/06	td

Data Qualifiers: J - estimated value, U - Non detect, R - Poor surrogate recovery, M - Recovery/RPD poor for MS/MSD, SAMP/DUP, B - detected in blank, S - field sample as received did not meet NELAC sample acceptance criteria, L - Subcontracted Lab used, N - NELAC certified analysis

Client Name: RMT, Inc.
Contact: Steve Webb
Address: Patewood Plaza One
Suite 100
30 Patewood Drive
Greenville, SC 29615-3535

Page: Page 3 of 10
Lab Proj #: P0603086
Report Date: 03/17/06
Client Proj Name: Medley Farm
Client Proj #: 71243.39

Sample Description	Matrix	Lab Sample #		Sampled Date/Time		Received	
Analyte(s)	Flag	Result	PQL	Units	Method #	Analysis Date	By
SemiVolatile							
Acetic Acid	J	0.69	1.00	mg/L	AM21G	3/15/06	td
Butyric acid	U	< 1.00	1.00	mg/L	AM21G	3/15/06	td
Lactic Acid	J	5.50	25.00	mg/L	AM21G	3/15/06	td
Propionic acid	U	< 1.00	1.00	mg/L	AM21G	3/15/06	td
Pyruvic acid	J	0.63	10.00	mg/L	AM21G	3/15/06	td

Data Qualifiers: J - estimated value, U - Non detect, R - Poor surrogate recovery, M - Recovery/RPD poor for MS/MSD, SAMP/DUP, B - detected in blank, S - field sample as received did not meet NELAC sample acceptance criteria, L - Subcontracted Lab used, N - NELAC certified analysis

Client Name: RMT, Inc.
Contact: Steve Webb
Address: Patewood Plaza One
Suite 100
30 Patewood Drive
Greenville, SC 29615-3535

Page: Page 4 of 10
Lab Proj #: P0603086
Report Date: 03/17/06
Client Proj Name: Medley Farm
Client Proj #: 71243.39

<u>Sample Description</u>	<u>Matrix</u>	<u>Lab Sample #</u>		<u>Sampled Date/Time</u>		<u>Received</u>
BW-201	Water	P0603086-03		02 Mar. 06 14:15		07 Mar. 06 10:28
<u>Analyte(s)</u>	<u>Flag</u>	<u>Result</u>	<u>PQL</u>	<u>Units</u>	<u>Method #</u>	<u>Analysis Date</u>
SemiVolatile						
Acetic Acid	U	< 1.00	1.00	mg/L	AM21G	3/15/06
Butyric acid	U	< 1.00	1.00	mg/L	AM21G	3/15/06
Lactic Acid	U	< 25.00	25.00	mg/L	AM21G	3/15/06
Propionic acid	U	< 1.00	1.00	mg/L	AM21G	3/15/06
Pyruvic acid	U	< 10.00	10.00	mg/L	AM21G	3/15/06

Data Qualifiers: J - estimated value, U - Non detect, R - Poor surrogate recovery, M - Recovery/RPD poor for MS/MSD, SAMP/DUP, B - detected in blank, S - field sample as received did not meet NELAC sample acceptance criteria, L - Subcontracted Lab used, N - NELAC certified analysis

Client Name: RMT, Inc.
Contact: Steve Webb
Address: Patewood Plaza One
Suite 100
30 Patewood Drive
Greenville, SC 29615-3535

Page: Page 5 of 10
Lab Proj #: P0603086
Report Date: 03/17/06
Client Proj Name: Medley Farm
Client Proj #: 71243.39

<u>Sample Description</u>	<u>Matrix</u>	<u>Lab Sample #</u>		<u>Sampled Date/Time</u>		<u>Received</u>
MW-3D	Water	P0603086-04		02 Mar. 06 14:15		07 Mar. 06 10:28
<u>Analyte(s)</u>	<u>Flag</u>	<u>Result</u>	<u>PQL</u>	<u>Units</u>	<u>Method #</u>	<u>Analysis Date</u>
SemiVolatiles						
Acetic Acid		140.00	1.00	mg/L	AM21G	3/15/06
Butyric acid		7.10	1.00	mg/L	AM21G	3/15/06
Lactic Acid	U	< 25.00	25.00	mg/L	AM21G	3/15/06
Propionic acid		180.00	1.00	mg/L	AM21G	3/15/06
Pyruvic acid	U	< 10.00	10.00	mg/L	AM21G	3/15/06

Data Qualifiers: J - estimated value, U - Non detect, R - Poor surrogate recovery, M - Recovery/RPD poor for MS/MSD, SAMP/DUP, B - detected in blank, S - field sample as received did not meet NELAC sample acceptance criteria, L - Subcontracted Lab used, N - NELAC certified analysis

Client Name: RMT, Inc.
Contact: Steve Webb
Address: Patewood Plaza One
Suite 100
30 Patewood Drive
Greenville, SC 29615-3535

Page: Page 6 of 10
Lab Proj #: P0603086
Report Date: 03/17/06
Client Proj Name: Medley Farm
Client Proj #: 71243.39

<u>Sample Description</u>	<u>Matrix</u>	<u>Lab Sample #</u>		<u>Sampled Date/Time</u>		<u>Received</u>
BW-108	Water	P0603086-05		03 Mar. 06 10:55		07 Mar. 06 10:28
<u>Analyte(s)</u>	<u>Flag</u>	<u>Result</u>	<u>PQL</u>	<u>Units</u>	<u>Method #</u>	<u>Analysis Date</u>
SemiVolatile						
Acetic Acid		2.00	1.00	mg/L	AM21G	3/15/06
Butyric acid	U	< 1.00	1.00	mg/L	AM21G	3/15/06
Lactic Acid	J	4.40	25.00	mg/L	AM21G	3/15/06
Propionic acid	J	0.29	1.00	mg/L	AM21G	3/15/06
Pyruvic acid	U	< 10.00	10.00	mg/L	AM21G	3/15/06

Data Qualifiers: J - estimated value, U - Non detect, R - Poor surrogate recovery, M - Recovery/RPD poor for MS/MSD, SAMP/DUP, B - detected in blank, S - field sample as received did not meet NELAC sample acceptance criteria, L - Subcontracted Lab used, N - NELAC certified analysis

Client Name: RMT, Inc.
Contact: Steve Webb
Address: Patewood Plaza One
Suite 100
30 Patewood Drive
Greenville, SC 29615-3535

Page: Page 7 of 10
Lab Proj #: P0603086
Report Date: 03/17/06
Client Proj Name: Medley Farm
Client Proj #: 71243.39

<u>Sample Description</u>	<u>Matrix</u>	<u>Lab Sample #</u>		<u>Sampled Date/Time</u>		<u>Received</u>	
FBLK-06101	Water	P0603086-06		03 Mar. 06 8:45		07 Mar. 06 10:28	
<u>Analyte(s)</u>	<u>Flag</u>	<u>Result</u>	<u>PQL</u>	<u>Units</u>	<u>Method #</u>	<u>Analysis Date</u>	<u>By</u>
SemiVolatile							
Acetic Acid	J	0.73	1.00	mg/L	AM21G	3/15/06	td
Butyric acid	U	< 1.00	1.00	mg/L	AM21G	3/15/06	td
Lactic Acid	U	< 25.00	25.00	mg/L	AM21G	3/15/06	td
Propionic acid	U	< 1.00	1.00	mg/L	AM21G	3/15/06	td
Pyruvic acid	U	< 10.00	10.00	mg/L	AM21G	3/15/06	td

Data Qualifiers: J - estimated value, U - Non detect, M - Recovery/RPD poor for MS/MSD, SAMP/DUP, B - detected in blank, S - field sample as received did not meet NELAC sample acceptance criteria, L - Subcontracted Lab used, N - NELAC certified analysis

Client Name: RMT, Inc.
Contact: Steve Webb
Address: Patewood Plaza One
Suite 100
30 Patewood Drive
Greenville, SC 29615-3535

Page: Page 8 of 10
Lab Proj #: P0603086
Report Date: 03/17/06
Client Proj Name: Medley Farm
Client Proj #: 71243.39

Sample Description	Matrix	Lab Sample #		Sampled Date/Time		Received	
Analyte(s)	Flag	Result	PQL	Units	Method #	Analysis Date	By
RBLK-06101	Water	P0603086-07			03 Mar. 06 9:20	07 Mar. 06 10:28	
SemiVolatile							
Acetic Acid	J	0.47	1.00	mg/L	AM21G	3/15/06	td
Butyric acid	U	< 1.00	1.00	mg/L	AM21G	3/15/06	td
Lactic Acid	U	< 25.00	25.00	mg/L	AM21G	3/15/06	td
Propionic acid	U	< 1.00	1.00	mg/L	AM21G	3/15/06	td
Pyruvic acid	U	< 10.00	10.00	mg/L	AM21G	3/15/06	td

Data Qualifiers: J - estimated value, U - Non detect, M - Recovery/RPD poor for MS/MSD, SAMP/DUP, B - detected in blank, S - field sample as received did not meet NELAC sample acceptance criteria, L - Subcontracted Lab used, N - NELAC certified analysis

Client Name: RMT, Inc.
Contact: Steve Webb
Address: Patewood Plaza One
Suite 100
30 Patewood Drive
Greenville, SC 29615-3535

Page: Page 9 of 10
Lab Proj #: P0603086
Report Date: 03/17/06
Client Proj Name: Medley Farm
Client Proj #: 71243.39

<u>Sample Description</u>	<u>Matrix</u>	<u>Lab Sample #</u>		<u>Sampled Date/Time</u>		<u>Received</u>	
MLW 1-3	Water	P0603086-08		02 Mar. 06 9:00		07 Mar. 06 10:28	
<u>Analyte(s)</u>	<u>Flag</u>	<u>Result</u>	<u>PQL</u>	<u>Units</u>	<u>Method #</u>	<u>Analysis Date</u>	<u>By</u>
SemiVolatiles							
Acetic Acid	J	0.64	1.00	mg/L	AM21G	3/15/06	td
Butyric acid	U	< 1.00	1.00	mg/L	AM21G	3/15/06	td
Lactic Acid	U	< 25.00	25.00	mg/L	AM21G	3/15/06	td
Propionic acid	U	< 1.00	1.00	mg/L	AM21G	3/15/06	td
Pyruvic acid	U	< 10.00	10.00	mg/L	AM21G	3/15/06	td

Data Qualifiers: J - estimated value, U - Non detect, R - Poor surrogate recovery, M - Recovery/RPD poor for MS/MSD, SAMP/DUP, B - detected in blank, S - field sample as received did not meet NELAC sample acceptance criteria, L - Subcontracted Lab used, N - NELAC certified analysis



PO603086

CHAIN OF CUSTODY RECORD

76456

30 Patewood Drive, Suite 100, Patewood Plaza One, Greenville, SC 29615-3535
 Phone 864/281-0030 • Fax 864/281-0288

Project No.	Project/Client:
71243.39	MEDLEY FARM

Project Manager/Contact Person:

S WEBB / B. GROUTKOOS / J. FRIEND

Lab No.	Yr. <u>06</u> Date	Time	Sample Station ID	Total Number of Containers	MATRIX	Filtered (Yes/No)	Analyses Requested										Comments:
						Preserved (Code)	JUL 1/06 / Filter Acids A										
01	3/2	1020	SW 3	2	LW	2											
02	3/2	1045	BW - 109	1													
03	3/2	1415	BW - 201	1													
04	3/2	1415	MLW - 3D	1													
05	3/3	1055	BW - 108	1													
06	3/3	0845	FBLK - 06101	1	DI												
07	3/3	0920	RBLK - 06101	1	DI												
08	3/2	0900 1440	MLW 1-3	2	LW	6											
			-MLW 1-3														

SPECIAL INSTRUCTIONS

8520 8681 5080

SAMPLER Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time	HAZARDS ASSOCIATED WITH SAMPLES <input type="checkbox"/> Flammable <input type="checkbox"/> Corrosive <input type="checkbox"/> Highly Toxic <input type="checkbox"/> Other (list) _____	Turn Around (circle one)	Normal	Rush	
	3/6/06 1800	FED EX	3/6/06 1830		Report Due _____	(For Lab Use Only)		
Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time		Receipt Temp: Temp Blank Y N	Receipt pH (Wet/Metals)		
Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time					
Custody Seal: Present/Absent	Intact/Not Intact	Seal #s						

PROJECT WORK ORDER
Medley Farm - February 2006

Project: Medley Farm

Project Number: 71243.39

Sample Date: Feb. 20, 2006 - Mar. 3, 2006

Turnaround Time: Standard

Detection Limit: Federal DW MCL where applicable

QC Package: Level 2

RMT format EDD required.

Laboratory: Microseeps

220 William Pitt Way

Pittsburgh, PA 15238

Ph: (412) 826-5245 Fax: (412) 826-3433

Contact: Debbie Hallo or Becky Hand

Project Manager: Steve Webb

Project Contact: Brian Grothaus

Laboratory: Pace - Green Bay, WI

1241 Bellevue St.

Greenbay, WI 54302

Ph: 1-800-7-ENCHEM Fax: 920-469-8827

Contact: Tom Trainor

Analyte	VOCs	Dissolved Ferrous Iron	Dissolved Manganese	Chloride & Sulfate/Alkalinity	Volatile Fatty Acids	FIELD pH, DO, ORP, Temp, Spec	COMMENTS
Method	8260B	Field Kit	6010B	300/310.2	AM21G	None	
Bottle	A	B	C	D	E		
Sample ID							Measure water levels on all wells.
A-1							
A-2							No MS/MSD
A-3							
A-4							*Special Volatiles List
A-5							Acetone
A-6							Benzene
A-7							2-Butanone
B-1							Chloroform
B-2							Chloroethane
B-3							Chloromethane
B-4							1,1-Dichloroethane
BW-2							1,2-Dichloroethane
BW-108							1,1-Dichloroethene
BW-109							cis-1,2-Dichloroethene
BW-201							trans-1,2-dichloroethene
BW-202							Methylene chloride
DP-3-1							Tetrachloroethene
DP-3-2							Trichloroethene
MLW-1-1							1,1,1-Trichloroethane
MLW-1-2							1,1,2-Trichloroethane
MLW-1-3							Vinyl chloride
MLW-1-4							Volatile Fatty Acids are to be sent to Microseeps.

PROJECT WORK ORDER
Medley Farm - February 2006

Project: Medley Farm

Project Number: 71243.39

Sample Date: Feb. 20, 2006 - Mar. 3, 2006

Turnaround Time: Standard

Detection Limit: Federal DW MCL where applicable

QC Package: Level 2

RMT format EDD required.

Laboratory: Microseeps

220 William Pitt Way

Pittsburgh, PA 15238

Ph: (412) 826-5245 Fax: (412) 826-3433

Contact: Debbie Hallo or Becky Hand

Project Manager: Steve Webb

Project Contact: Brian Grothaus

Laboratory: Pace - Green Bay, WI

1241 Bellevue St.

Greenbay, WI 54302

Ph: 1-800-7-ENCHEM Fax: 920-469-8827

Contact: Tom Trainor

Sample ID	Sample Type	Dissolved Ferrous Iron	Dissolved Manganese	Chloride	Sulfate	Volatile Fatty Acids	Field DO, Temp, Specific Cond.	Comments
MLW-3-1								
MLW-3-2								
MLW-3-3								
MLW-3-4								
MW-3D								
MW-2-1								
MW-2-2								
MW-4-1								
MW-4-2								
SW-101								
SW-102								
SW-108								
SW-201								
SW-202								
SW-3								
SW-4								
FBLK-06101								
RBLK-06101								
TBLK-06101								
TBLK-06102								
TBLK-06103								

A - VOCs: three 40 mL septum vials; HCl preservative; ice; HT - 14 days

B - Dissolved Ferrous Iron: Chemetrics field test kit; HT - ASAP

C - Dissolved Manganese: one 125 mL plastic; HNO₃ to pH<2; ice; HT - 6 months

D - Chloride, Sulfate; Alkalinity: one 500 mL plastic; no preservative; ice; HT - 28 days; 14 days

E - Volatile Fatty Acids: two 40 mL clear; no preservative; ice; HT - preferred 14 day

MCL reporting (NOT MDL unless needed for MCL); "J" flagging; no SIM.

Cooler Receipt Form

Client:RMT, Inc.

Project: Medley Farm

Cooler ID: 1

Client Code:RMTSC

LabProject #: P0603086

A. Preliminary Examination Phase:

Date cooler opened: 3/7/2006

Cooler opened by: cw

1. Was airbill Attached? Yes

Airbill #: 852088815080

Carrier Name: FedEx

2. Custody Seals? Yes

How many? 2

Location:cooler top

Seal Name: RMT

3. Seals intact? Yes

4. Screened for radiation? N/A

5. COC Attached? Yes

Properly Completed? Yes

Signed by employee? Yes

6. Project Identification from custody paper: Medley Farm

7. Preservative: Yes

Temperature: 5

Comments:

B. Log-In Phase: Samples Log-in Date:

3/7/2006

Log-in By: cw

1. Packing Type: Bubble Wrap

2. Were samples in separate bags? Yes

3. Were containers intact? Yes

4. Number of bottles received: 16

5. Correct containers used? Yes

6. Sufficient sample volume? Yes

7. Bubbles in VOA samples? No

8. Was Project manager called and status discussed? N/A

Comments:

Have designate person initial here to acknowledge receipt of cooler:

Washback

Date:

3/7/06

COPY: FILE

RET'DM



Client Name: RMT, Inc.
Contact: Steve Webb
Address: Patewood Plaza One
Suite 100
30 Patewood Drive
Greenville, SC 29615-3535

Page: Page 1 of 10
Lab Proj #: P0602370
Report Date: 03/03/06
Client Proj Name: Medley Farm
Client Proj #: 71243.39*

Laboratory Results

Lab Sample #	Client Sample ID
P0602370-01	A-6
P0602370-02	A-5
P0602370-03	A-4
P0602370-04	A-3
P0602370-05	A-7
P0602370-06	A-2
P0602370-07	A-1

Total pages in data package: 14

Microseeps test results meet all the requirements of the NELAC standards.

Approved By:

The analytical results reported here are reliable and usable to the precision expressed in this report. As required by some regulating authorities, a full discussion of the uncertainty in our analytical results can be obtained at our web site or through customer service. Unless otherwise specified, all results are reported on a wet weight basis.

As a valued client we would appreciate your comments on our service.
Please call customer service at (412)826-5245 or email customerservice@microseeps.com.

Case Narrative

QC-LCH, 3/16/06: COC, TEMP, METHOD, PL, LCS, MB, MS, HT - 14 DAYS ✓

QC✓

Client Name: RMT, Inc.
Contact: Steve Webb
Address: Patewood Plaza One
Suite 100
30 Patewood Drive
Greenville, SC 29615-3535

Page: Page 2 of 10
Lab Proj #: P0602370
Report Date: 03/03/06
Client Proj Name: Medley Farm
Client Proj #: 71243.39

<u>Sample Description</u>	<u>Matrix</u>	<u>Lab Sample #</u>		<u>Sampled Date/Time</u>		<u>Received</u>	
A-6	Water	P0602370-01		20 Feb. 06 13:50		24 Feb. 06 12:27	
<u>Analyte(s)</u>	<u>Flag</u>	<u>Result</u>	<u>PQL</u>	<u>Units</u>	<u>Method #</u>	<u>Analysis Date</u>	<u>By</u>
SemiVolatiles							
Acetic Acid	U	< 1.00	1.00	mg/L	AM21G	3/1/06	td
Butyric acid	U	< 1.00	1.00	mg/L	AM21G	3/1/06	td
Lactic Acid	U	< 25.00	25.00	mg/L	AM21G	3/1/06	td
Propionic acid	U	< 1.00	1.00	mg/L	AM21G	3/1/06	td
Pyruvic acid	U	< 10.00	10.00	mg/L	AM21G	3/1/06	td

Data Qualifiers: J - estimated value, U - Non detect, R - Poor surrogate recovery, M - Recovery/RPD poor for MS/MSD, SAMP/DUP, B - detected in blank, S - field sample as received did not meet NELAC sample acceptance criteria, L - Subcontracted Lab used, N - NELAC certified analysis

Client Name: RMT, Inc.
Contact: Steve Webb
Address: Patewood Plaza One
Suite 100
30 Patewood Drive
Greenville, SC 29615-3535

Page: Page 3 of 10
Lab Proj #: P0602370
Report Date: 03/03/06
Client Proj Name: Medley Farm
Client Proj #: 71243.39

<u>Sample Description</u>	<u>Matrix</u>	<u>Lab Sample #</u>		<u>Sampled Date/Time</u>		<u>Received</u>	
A-5	Water	P0602370-02		20 Feb. 06 15:10		24 Feb. 06 12:27	
<u>Analyte(s)</u>	<u>Flag</u>	<u>Result</u>	<u>PQL</u>	<u>Units</u>	<u>Method #</u>	<u>Analysis Date</u>	<u>By</u>
SemiVolatiles							
Acetic Acid		860.00	5.00	mg/L	AM21G	3/2/06	td
Butyric acid		22.00	1	mg/L	AM21G	3/1/06	td
Lactic Acid	U	< 25.00	25	mg/L	AM21G	3/1/06	td
Propionic acid		980.00	5.00	mg/L	AM21G	3/2/06	td
Pyruvic acid	U	< 10.00	10	mg/L	AM21G	3/1/06	td

Data Qualifiers: J - estimated value, U - Non detect, R - Poor surrogate recovery, M - Recovery/RPD poor for MS/MSD, SAMP/DUP, B - detected in blank, S - field sample as received did not meet NELAC sample acceptance criteria, L - Subcontracted Lab used, N - NELAC certified analysis

Client Name: RMT, Inc.
Contact: Steve Webb
Address: Patewood Plaza One
Suite 100
30 Patewood Drive
Greenville, SC 29615-3535

Page: Page 4 of 10
Lab Proj #: P0602370
Report Date: 03/03/06
Client Proj Name: Medley Farm
Client Proj #: 71243.39

<u>Sample Description</u>	<u>Matrix</u>	<u>Lab Sample #</u>		<u>Sampled Date/Time</u>	<u>Received</u>		
A-4	Water	P0602370-03		21 Feb. 06 12:00	24 Feb. 06 12:27		
<u>Analyte(s)</u>	<u>Flag</u>	<u>Result</u>	<u>PQL</u>	<u>Units</u>	<u>Method #</u>	<u>Analysis Date</u>	<u>By</u>
SemiVolatiles							
Acetic Acid		190.00	1.00	mg/L	AM21G	3/1/06	td
Butyric acid		11.00	1.00	mg/L	AM21G	3/1/06	td
Lactic Acid	U	< 25.00	25.00	mg/L	AM21G	3/1/06	td
Propionic acid		230.00	1.00	mg/L	AM21G	3/1/06	td
Pyruvic acid	U	< 10.00	10.00	mg/L	AM21G	3/1/06	td

Data Qualifiers: J - estimated value, U - Non detect, R - Poor surrogate recovery, M - Recovery/RPD poor for MS/MSD, SAMP/DUP, B - detected in blank, S - field sample as received did not meet NELAC sample acceptance criteria, L - Subcontracted Lab used, N - NELAC certified analysis

Client Name: RMT, Inc.
Contact: Steve Webb
Address: Patewood Plaza One
Suite 100
30 Patewood Drive
Greenville, SC 29615-3535

Page: Page 5 of 10
Lab Proj #: P0602370
Report Date: 03/03/06
Client Proj Name: Medley Farm
Client Proj #: 71243.39

<u>Sample Description</u>	<u>Matrix</u>	<u>Lab Sample #</u>		<u>Sampled Date/Time</u>		<u>Received</u>	
A-3	Water	P0602370-04		21 Feb. 06 16:00		24 Feb. 06 12:27	
<u>Analyte(s)</u>	<u>Flag</u>	<u>Result</u>	<u>PQL</u>	<u>Units</u>	<u>Method #</u>	<u>Analysis Date</u>	<u>By</u>
SemiVolatiles							
Acetic Acid		4.00	1.00	mg/L	AM21G	3/1/06	td
Butyric acid	U	< 1.00	1.00	mg/L	AM21G	3/1/06	td
Lactic Acid	U	< 25.00	25.00	mg/L	AM21G	3/1/06	td
Propionic acid		1.70	1.00	mg/L	AM21G	3/1/06	td
Pyruvic acid	U	< 10.00	10.00	mg/L	AM21G	3/1/06	td

Data Qualifiers: J - estimated value, U - Non detect, R - Poor surrogate recovery, M - Recovery/RPD poor for MS/MSD, SAMP/DUP, B - detected in blank, S - field sample as received did not meet NELAC sample acceptance criteria, L - Subcontracted Lab used, N - NELAC certified analysis

Client Name: RMT, Inc.
Contact: Steve Webb
Address: Patewood Plaza One
Suite 100
30 Patewood Drive
Greenville, SC 29615-3535

Page: Page 6 of 10
Lab Proj #: P0602370
Report Date: 03/03/06
Client Proj Name: Medley Farm
Client Proj #: 71243.39

<u>Sample Description</u>	<u>Matrix</u>	<u>Lab Sample #</u>		<u>Sampled Date/Time</u>		<u>Received</u>	
A-7	Water	P0602370-05		22 Feb. 06 9:45		24 Feb. 06 12:27	
<u>Analyte(s)</u>	<u>Flag</u>	<u>Result</u>	<u>PQL</u>	<u>Units</u>	<u>Method #</u>	<u>Analysis Date</u>	<u>By</u>
SemiVolatile							
Acetic Acid	J	0.39	1.00	mg/L	AM21G	3/1/06	td
Butyric acid	U	< 1.00	1.00	mg/L	AM21G	3/1/06	td
Lactic Acid	U	< 25.00	25.00	mg/L	AM21G	3/1/06	td
Propionic acid	J	0.38	1.00	mg/L	AM21G	3/1/06	td
Pyruvic acid	U	< 10.00	10.00	mg/L	AM21G	3/1/06	td

Data Qualifiers: J - estimated value, U - Non detect, R - Poor surrogate recovery, M - Recovery/RPD poor for MS/MSD, SAMP/DUP, B - detected in blank, S - field sample as received did not meet NELAC sample acceptance criteria, L - Subcontracted Lab used, N - NELAC certified analysis

Client Name: RMT, Inc.
Contact: Steve Webb
Address: Patewood Plaza One
Suite 100
30 Patewood Drive
Greenville, SC 29615-3535

Page: Page 7 of 10
Lab Proj #: P0602370
Report Date: 03/03/06
Client Proj Name: Medley Farm
Client Proj #: 71243.39

<u>Sample Description</u>	<u>Matrix</u>	<u>Lab Sample #</u>		<u>Sampled Date/Time</u>		<u>Received</u>	
A-2	Water	P0602370-06		22 Feb. 06 11:45		24 Feb. 06 12:27	
<u>Analyte(s)</u>	<u>Flag</u>	<u>Result</u>	<u>PQL</u>	<u>Units</u>	<u>Method #</u>	<u>Analysis Date</u>	<u>By</u>
SemiVolatiles							
Acetic Acid	U	< 1.00	1.00	mg/L	AM21G	3/1/06	td
Butyric acid	U	< 1.00	1.00	mg/L	AM21G	3/1/06	td
Lactic Acid	U	< 25.00	25.00	mg/L	AM21G	3/1/06	td
Propionic acid	J	0.37	1.00	mg/L	AM21G	3/1/06	td
Pyruvic acid	U	< 10.00	10.00	mg/L	AM21G	3/1/06	td

Data Qualifiers: J - estimated value, U - Non detect, R - Poor surrogate recovery, M - Recovery/RPD poor for MS/MSD, SAMP/DUP, B - detected in blank, S - field sample as received did not meet NELAC sample acceptance criteria, L - Subcontracted Lab used, N - NELAC certified analysis

Client Name: RMT, Inc.
Contact: Steve Webb
Address: Patewood Plaza One
Suite 100
30 Patewood Drive
Greenville, SC 29615-3535

Page: Page 8 of 10
Lab Proj #: P0602370
Report Date: 03/03/06
Client Proj Name: Medley Farm
Client Proj #: 71243.39

Sample Description	Matrix	Lab Sample #		Sampled Date/Time		Received	
A-1	Water	P0602370-07		22 Feb. 06 14:15		24 Feb. 06 12:27	
Analyte(s)	Flag	Result	PQL	Units	Method #	Analysis Date	By
SemiVolatile							
Acetic Acid		610.00	5.00	mg/L	AM21G	3/2/06	td
Butyric acid		110.00	1	mg/L	AM21G	3/1/06	td
Lactic Acid	U	< 25.00	25	mg/L	AM21G	3/1/06	td
Propionic acid		1600.00	5.00	mg/L	AM21G	3/2/06	td
Pyruvic acid	J	0.84	10	mg/L	AM21G	3/1/06	td

Data Qualifiers: J - estimated value, U - Non detect, R - Poor surrogate recovery, M - Recovery/RPD poor for MS/MSD, SAMP/DUP, B - detected in blank, S - field sample as received did not meet NELAC sample acceptance criteria, L - Subcontracted Lab used, N - NELAC certified analysis



(Microseps)

folio 2310

CHAIN OF CUSTODY RECORD

76405

30 Patewood Drive, Suite 100, Patewood Plaza One, Greenville, SC 29615-3535
Phone 864/281-0030 • Fax 864/281-0288

Project No. 71243.39	Project/Client: Medley Farm
Project Manager/Contact Person: S. Webb / R. Grothaus	

SPECIAL INSTRUCTIONS

852714033809

SAMPLER Relinquished by (Signature) <i>Aug Peck</i>	Date/Time 2/23/06 1700	Received by (Signature) <i>FEO</i>	Date/Time 2/23/06 1730	HAZARDS ASSOCIATED WITH SAMPLES <input type="checkbox"/> Flammable <input type="checkbox"/> Corrosive <input type="checkbox"/> Highly Toxic <input type="checkbox"/> Other (list) <hr/>	Turn Around (circle one) Normal Rush <input checked="" type="radio"/>
Relinquished by (Signature)	Date/Time	Received by (Signature) <i>Mashler</i>	Date/Time 2/24/06 1130		Report Due _____ (For Lab Use Only)
Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time		Receipt Temp: Temp Blank Y : N <hr/>
				Receipt pH: (Wet/Metals) <hr/>	
Custody Seal: Present/Absent Intact/Not Intact Seal #s					

Custody Seal: Present/Absent Intact/Not Intact Seal #s

PROJECT WORK ORDER
Medley Farm - February 2006

Project: Medley Farm

Project Number: 71243.39

Sample Date: Feb. 20, 2006 - Mar. 3, 2006

Turnaround Time: Standard

Detection Limit: Federal DW MCL where applicable

QC Package: Level 2

RMT format EDD required.

Laboratory: Microseeps

220 William Pitt Way

Pittsburgh, PA 15238

Ph: (412) 826-5245 Fax: (412) 826-3433

Contact: Debbie Hallo or Becky Hand

Project Manager: Steve Webb

Project Contact: Brian Grothaus

Laboratory: Pace - Green Bay, WI

1241 Bellevue St.

Greenbay, WI 54302

Ph: 1-800-7-ENCHEM Fax: 920-469-8827

Contact: Tom Trainor

Analyte	Method	Dissolved Ferron Iron	Dissolved Manganese	Chloride Sulfate Alkalinity	Volatile Fatty Acids	Field HRDO, ORP Temp, Spec Cond.	Comments
Bottle	A	B	C	D	E		
Sample ID							Measure water levels on all wells.
A-1					X		
A-2					X		No MS/MSD
A-3					X		
A-4					X		*Special Volatiles List
A-5					X		Acetone
A-6					X		Benzene
A-7					X		2-Butanone
B-1							Chloroform
B-2							Chloroethane
B-3							Chloromethane
B-4							1,1-Dichloroethane
BW-2							1,2-Dichloroethane
BW-108							1,1-Dichloroethene
BW-109							cis-1,2-Dichloroethene
BW-201							trans-1,2-dichloroethene
BW-202							Methylene chloride
DP-3-1							Tetrachloroethene
DP-3-2							Trichloroethene
MLW-1-1							1,1,1-Trichloroethane
MLW-1-2							1,1,2-Trichloroethane
MLW-1-3							Vinyl chloride
MLW-1-4							Volatile Fatty Acids are to be sent to Microseeps.

PROJECT WORK ORDER

Project: Medley Farm

Project Number: 2124339

Sample Date: Feb. 20, 2006 - Mar. 3, 2006

Turnaround Time: Standard

Detection Limit: Federal DW MCL where applicable

OC Package: Level 2

RMT format FDD required

Laboratory: Microseeps

220 William Pitt Way

Pittsburgh, PA 15238

Ph: (412) 826-5245 Fax: (412) 826-3433

Contact: Debbie Hall or Becky Hand

Project Manager: Steve Webb

Project Contact: Brian Grothaus

Laboratory: Pace - Green Bay, WI

1241 Bellevue St.

Greenbay WI 54302

Ph: 1-800-2-ENCHEM Fax: 820-469-8827

Contact: Tom Trainor

Sample Name	Location	Deployed Period	Discharge Method	Exchangers	Volatile Ratio	FIELD DO/CRP	LAB DO/CRP	COMMISSION
MLW-3-1	MLW-3-1	2005-05-10	MLW-3-1	MLW-3-1	100/100	100/100	100/100	100/100
MLW-3-2	MLW-3-2	2005-05-10	MLW-3-2	MLW-3-2	100/100	100/100	100/100	100/100
MLW-3-3	MLW-3-3	2005-05-10	MLW-3-3	MLW-3-3	100/100	100/100	100/100	100/100
MLW-3-4	MLW-3-4	2005-05-10	MLW-3-4	MLW-3-4	100/100	100/100	100/100	100/100
MW-3D	MW-3D	2005-05-10	MW-3D	MW-3D	100/100	100/100	100/100	100/100
MW-2-1	MW-2-1	2005-05-10	MW-2-1	MW-2-1	100/100	100/100	100/100	100/100
MW-2-2	MW-2-2	2005-05-10	MW-2-2	MW-2-2	100/100	100/100	100/100	100/100
MW-4-1	MW-4-1	2005-05-10	MW-4-1	MW-4-1	100/100	100/100	100/100	100/100
MW-4-2	MW-4-2	2005-05-10	MW-4-2	MW-4-2	100/100	100/100	100/100	100/100
SW-101	SW-101	2005-05-10	SW-101	SW-101	100/100	100/100	100/100	100/100
SW-102	SW-102	2005-05-10	SW-102	SW-102	100/100	100/100	100/100	100/100
SW-108	SW-108	2005-05-10	SW-108	SW-108	100/100	100/100	100/100	100/100
SW-201	SW-201	2005-05-10	SW-201	SW-201	100/100	100/100	100/100	100/100
SW-202	SW-202	2005-05-10	SW-202	SW-202	100/100	100/100	100/100	100/100
SW-3	SW-3	2005-05-10	SW-3	SW-3	100/100	100/100	100/100	100/100
SW-4	SW-4	2005-05-10	SW-4	SW-4	100/100	100/100	100/100	100/100
FBLK-06101	FBLK-06101	2005-05-10	FBLK-06101	FBLK-06101	100/100	100/100	100/100	100/100
RBLK-06101	RBLK-06101	2005-05-10	RBLK-06101	RBLK-06101	100/100	100/100	100/100	100/100
TBLK-06101	TBLK-06101	2005-05-10	TBLK-06101	TBLK-06101	100/100	100/100	100/100	100/100
TBLK-06102	TBLK-06102	2005-05-10	TBLK-06102	TBLK-06102	100/100	100/100	100/100	100/100
TBLK-06103	TBLK-06103	2005-05-10	TBLK-06103	TBLK-06103	100/100	100/100	100/100	100/100

A - VOCs: three 40 mL septum vials; HCl preservative; ice; HT - 14 days

B - Dissolved Ferrous Iron: Chemetrics field test kit: HT - ASAP

C - Dissolved Manganese: one 125 mL plastic; HNO_3 to pH < 2; ice; HT - 6 months

D - Chloride Sulfate: Alkalinity: one 500 mL plastic; no preservative; ice; HT - 28 days; 14 days

E - Volatile Fatty Acids: two 40 mL clear; no preservative; ice; HT - preferred 14 day

MCI reporting (NOT MRI, unless needed for MCL): "I" flagging; no SIM

Cooler Receipt Form

Client:RMT, Inc.

Client Code:RMTSC

LabProject #: P0602370

Project: Medley Farm

Cooler ID:

A. Preliminary Examination Phase:

Date cooler opened: 2/24/2006

Cooler opened by: cw

1. Was airbill Attached? Yes

Airbill #: 852714033809

Carrier Name: FedEx

2. Custody Seals? Yes

How many? 1

Location: COOLER TOP Seal Name: RMT

3. Seals intact? Yes

4. Screened for radiation? N/A

5. COC Attached? Yes

Properly Completed? Yes

Signed by employee? Yes

6. Project Identification from custody paper: Medley Farm

7. Preservative: Yes

Temperature: 3

Comments:

B. Log-In Phase: Samples Log-in Date: 2/24/2006 Log-in By: cw

1. Packing Type: Bubble Wrap

2. Were samples in separate bags? Yes

Labels agree with COC? Yes

3. Were containers intact? Yes

Number of samples received: 7

4. Number of bottles received: 14

Correct preservatives added? N/A

5. Correct containers used? Yes

6. Sufficient sample volume? Yes

7. Bubbles in VOA samples? No

8. Was Project manager called and status discussed? N/A

Comments:

Have designate person initial here to acknowledge receipt of cooler:

[Signature] Date: 2/24/06

COPY: FILE

RET. DM



Client Name: RMT, Inc.
Contact: Steve Webb
Address: Patewood Plaza One
Suite 100
30 Patewood Drive
Greenville, SC 29615-3535

Page: Page 1 of 10
Lab Proj #: P0602400
Report Date: 03/06/06
Client Proj Name: Medley Farm
Client Proj #: 71243.39

Laboratory Results

<u>Lab Sample #</u>	<u>Client Sample ID</u>
P0602400-01	B-1
P0602400-02	B-2
P0602400-03	SW-108
P0602400-04	SW-201
P0602400-05	MW-4-1
P0602400-06	MW-4-2
P0602400-07	SW-101

Total pages in data package: 14

Microseeps test results meet all the requirements of the NELAC standards.

Approved By:

The analytical results reported here are reliable and usable to the precision expressed in this report. As required by some regulating authorities, a full discussion of the uncertainty in our analytical results can be obtained at our web site or through customer service. Unless otherwise specified, all results are reported on a wet weight basis.

As a valued client we would appreciate your comments on our service.
Please call customer service at (412)826-5245 or email customerservice@microseeps.com.

Case Narrative

QC - LCH, 3/16/06: COC, TEMP, METHOD, DL, LCS, MB, MS, HT - 14 DAYS ✓

QC ✓

Client Name: RMT, Inc.
Contact: Steve Webb
Address: Patewood Plaza One
Suite 100
30 Patewood Drive
Greenville, SC 29615-3535

Page: Page 2 of 10
Lab Proj #: P0602400
Report Date: 03/06/06
Client Proj Name: Medley Farm
Client Proj #: 71243.39

<u>Sample Description</u>	<u>Matrix</u>	<u>Lab Sample #</u>		<u>Sampled Date/Time</u>		<u>Received</u>	
B-1	Water	P0602400-01		23 Feb. 06 11:40		28 Feb. 06 10:36	
<u>Analyte(s)</u>	<u>Flag</u>	<u>Result</u>	<u>PQL</u>	<u>Units</u>	<u>Method #</u>	<u>Analysis Date</u>	<u>By</u>
SemiVolatiles							
Acetic Acid		1600.00	10.00	mg/L	AM21G	3/3/06	td
Butyric acid		230.00	1	mg/L	AM21G	3/3/06	td
Lactic Acid	U	< 25.00	25	mg/L	AM21G	3/3/06	td
Propionic acid		2100.00	10.00	mg/L	AM21G	3/3/06	td
Pyruvic acid	U	< 10.00	10	mg/L	AM21G	3/3/06	td

Data Qualifiers: J - estimated value, U - Non detect, R - Poor surrogate recovery, M - Recovery/RPD poor for MS/MSD, SAMP/DUP, B - detected in blank, S - field sample as received did not meet NELAC sample acceptance criteria, L - Subcontracted Lab used, N - NELAC certified analysis

Client Name: RMT, Inc.
Contact: Steve Webb
Address: Patewood Plaza One
Suite 100
30 Patewood Drive
Greenville, SC 29615-3535

Page: Page 3 of 10
Lab Proj #: P0602400
Report Date: 03/06/06
Client Proj Name: Medley Farm
Client Proj #: 71243.39

<u>Sample Description</u>	<u>Matrix</u>	<u>Lab Sample #</u>		<u>Sampled Date/Time</u>		<u>Received</u>
B-2	Water	P0602400-02		23 Feb. 06 15:30		28 Feb. 06 10:36
<u>Analyte(s)</u>	<u>Flag</u>	<u>Result</u>	<u>PQL</u>	<u>Units</u>	<u>Method #</u>	<u>Analysis Date</u>
SemiVolatiles						
Acetic Acid	U	< 1.00	1.00	mg/L	AM21G	3/3/06
Butyric acid	U	< 1.00	1.00	mg/L	AM21G	3/3/06
Lactic Acid	U	< 25.00	25.00	mg/L	AM21G	3/3/06
Propionic acid	J	0.62	1.00	mg/L	AM21G	3/3/06
Pyruvic acid	U	< 10.00	10.00	mg/L	AM21G	3/3/06

Data Qualifiers: J - estimated value, U - Non detect, R - Poor surrogate recovery, M - Recovery/RPD poor for MS/MSD, SAMP/DUP, B - detected in blank, S - field sample as received did not meet NELAC sample acceptance criteria, L - Subcontracted Lab used, N - NELAC certified analysis

Client Name: RMT, Inc.
Contact: Steve Webb
Address: Patewood Plaza One
Suite 100
30 Patewood Drive
Greenville, SC 29615-3535

Page: Page 4 of 10
Lab Proj #: P0602400
Report Date: 03/06/06
Client Proj Name: Medley Farm
Client Proj #: 71243.39

<u>Sample Description</u>	<u>Matrix</u>	<u>Lab Sample #</u>		<u>Sampled Date/Time</u>		<u>Received</u>
SW-108	Water	P0602400-03		23 Feb. 06 15:30		28 Feb. 06 10:36
<u>Analyte(s)</u>	<u>Flag</u>	<u>Result</u>	<u>PQL</u>	<u>Units</u>	<u>Method #</u>	<u>Analysis Date</u>
SemiVolatiles						
Acetic Acid	U	< 1.00	1.00	mg/L	AM21G	3/3/06
Butyric acid	U	< 1.00	1.00	mg/L	AM21G	3/3/06
Lactic Acid	J	6.40	25.00	mg/L	AM21G	3/3/06
Propionic acid	U	< 1.00	1.00	mg/L	AM21G	3/3/06
Pyruvic acid	U	< 10.00	10.00	mg/L	AM21G	3/3/06

Data Qualifiers: J - estimated value, U - Non detect, R - Poor surrogate recovery, M - Recovery/RPD poor for MS/MSD, SAMP/DUP, B - detected in blank, S - field sample as received did not meet NELAC sample acceptance criteria, L - Subcontracted Lab used, N - NELAC certified analysis

Client Name: RMT, Inc.
Contact: Steve Webb
Address: Patewood Plaza One
Suite 100
30 Patewood Drive
Greenville, SC 29615-3535

Page: Page 5 of 10
Lab Proj #: P0602400
Report Date: 03/06/06
Client Proj Name: Medley Farm
Client Proj #: 71243.39

Sample Description	Matrix	Lab Sample #		Sampled Date/Time		Received	
SW-201	Water	P0602400-04		23 Feb. 06 16:30		28 Feb. 06 10:36	
Analyte(s)	Flag	Result	PQL	Units	Method #	Analysis Date	By
SemiVolatile							
Acetic Acid	U	< 1.00	1.00	mg/L	AM21G	3/3/06	td
Butyric acid	U	< 1.00	1.00	mg/L	AM21G	3/3/06	td
Lactic Acid	U	< 25.00	25.00	mg/L	AM21G	3/3/06	td
Propionic acid	U	< 1.00	1.00	mg/L	AM21G	3/3/06	td
Pyruvic acid	U	< 10.00	10.00	mg/L	AM21G	3/3/06	td

Data Qualifiers: J - estimated value, U - Non detect, R - Poor surrogate recovery, M - Recovery/RPD poor for MS/MSD, SAMP/DUP, B - detected in blank, S - field sample as received did not meet NELAC sample acceptance criteria, L - Subcontracted Lab used, N - NELAC certified analysis

Client Name: RMT, Inc.
Contact: Steve Webb
Address: Patewood Plaza One
Suite 100
30 Patewood Drive
Greenville, SC 29615-3535

Page: Page 6 of 10
Lab Proj #: P0602400
Report Date: 03/06/06
Client Proj Name: Medley Farm
Client Proj #: 71243.39

<u>Sample Description</u>	<u>Matrix</u>	<u>Lab Sample #</u>		<u>Sampled Date/Time</u>		<u>Received</u>	
MW-4-1	Water	P0602400-05		24 Feb. 06 11:00		28 Feb. 06 10:36	
<u>Analyte(s)</u>	<u>Flag</u>	<u>Result</u>	<u>PQL</u>	<u>Units</u>	<u>Method #</u>	<u>Analysis Date</u>	<u>By</u>
SemiVolatiles							
Acetic Acid	U	< 1.00	1.00	mg/L	AM21G	3/3/06	td
Butyric acid	U	< 1.00	1.00	mg/L	AM21G	3/3/06	td
Lactic Acid	U	< 25.00	25.00	mg/L	AM21G	3/3/06	td
Propionic acid	U	< 1.00	1.00	mg/L	AM21G	3/3/06	td
Pyruvic acid	U	< 10.00	10.00	mg/L	AM21G	3/3/06	td

Data Qualifiers: J - estimated value, U - Non detect, R - Poor surrogate recovery, M - Recovery/RPD poor for MS/MSD, SAMP/DUP, B - detected in blank, S - field sample as received did not meet NELAC sample acceptance criteria, L - Subcontracted Lab used, N - NELAC certified analysis

Client Name: RMT, Inc.
Contact: Steve Webb
Address: Patewood Plaza One
Suite 100
30 Patewood Drive
Greenville, SC 29615-3535

Page: Page 7 of 10
Lab Proj #: P0602400
Report Date: 03/06/06
Client Proj Name: Medley Farm
Client Proj #: 71243.39

<u>Sample Description</u>	<u>Matrix</u>	<u>Lab Sample #</u>		<u>Sampled Date/Time</u>		<u>Received</u>
MW-4-2	Water	P0602400-06		24 Feb. 06 13:15		28 Feb. 06 10:36
<u>Analyte(s)</u>	<u>Flag</u>	<u>Result</u>	<u>PQL</u>	<u>Units</u>	<u>Method #</u>	<u>Analysis Date</u>
SemiVolatiles						
Acetic Acid	U	< 1.00	1.00	mg/L	AM21G	3/3/06
Butyric acid	U	< 1.00	1.00	mg/L	AM21G	3/3/06
Lactic Acid	U	< 25.00	25.00	mg/L	AM21G	3/3/06
Propionic acid	U	< 1.00	1.00	mg/L	AM21G	3/3/06
Pyruvic acid	U	< 10.00	10.00	mg/L	AM21G	3/3/06

Data Qualifiers: J - estimated value, U - Non detect, R - Poor surrogate recovery, M - Recovery/RPD poor for MS/MSD, SAMP/DUP, B - detected in blank, S - field sample as received did not meet NELAC sample acceptance criteria, L - Subcontracted Lab used, N - NELAC certified analysis

Client Name: RMT, Inc.
Contact: Steve Webb
Address: Patewood Plaza One
Suite 100
30 Patewood Drive
Greenville, SC 29615-3535

Page: Page 8 of 10
Lab Proj #: P0602400
Report Date: 03/06/06
Client Proj Name: Medley Farm
Client Proj #: 71243.39

<u>Sample Description</u>	<u>Matrix</u>	<u>Lab Sample #</u>		<u>Sampled Date/Time</u>		<u>Received</u>	
SW-101	Water	P0602400-07		24 Feb. 06 14:35		28 Feb. 06 10:36	
<u>Analyte(s)</u>	<u>Flag</u>	<u>Result</u>	<u>PQL</u>	<u>Units</u>	<u>Method #</u>	<u>Analysis Date</u>	<u>By</u>
SemiVolatiles							
Acetic Acid	U	< 1.00	1.00	mg/L	AM21G	3/3/06	td
Butyric acid	U	< 1.00	1.00	mg/L	AM21G	3/3/06	td
Lactic Acid	U	< 25.00	25.00	mg/L	AM21G	3/3/06	td
Propionic acid	U	< 1.00	1.00	mg/L	AM21G	3/3/06	td
Pyruvic acid	U	< 10.00	10.00	mg/L	AM21G	3/3/06	td

Data Qualifiers: J - estimated value, U - Non detect, R - Poor surrogate recovery, M - Recovery/RPD poor for MS/MSD, SAMP/DUP, B - detected in blank, S - field sample as received did not meet NELAC sample acceptance criteria, L - Subcontracted Lab used, N - NELAC certified analysis



00602400

CHAIN OF CUSTODY RECORD

76439

**30 Patewood Drive, Suite 100, Patewood Plaza One, Greenville, SC 29615-3535
Phone 864/281-0030 • Fax 864/281-0288**

Project No. 71243.39	Project/Client: <u>Medley Farm</u>
Project Manager/Contact Person: <u>S. WEBB / B. GROUTHOUSE</u>	

Lab No.	Yr. <u>06</u> Date	Time	Sample Station ID
	2/23	1140	B-1
	S 2/23	1530	B-2
	S 2/23	1530	SW-108
	2/23	1630	SW-201
	2/24	1100	MW-4-1
	S 2/24	1315	MW-4-2
	2/24	1435	SW-101

SPECIAL INSTRUCTIONS:

8520 8881 5013

SAMPLER Relinquished by (Signature) <i>John Smith</i>	Date/Time 2/27/06 1600	Received by (Signature) FED EX	Date/Time 2/27/06 1830	HAZARDS ASSOCIATED WITH SAMPLES	Turn Around (circle one) _____ Normal _____ Rush _____
Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time	<input type="checkbox"/> Flammable <input type="checkbox"/> Corrosive <input type="checkbox"/> Highly Toxic <input type="checkbox"/> Other (list) _____	Report Due _____ (For Lab Use Only)
Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time		Receipt Temp: _____ Temp Blank Y N _____
Custody Seal: Present/Absent Intact/Not Intact Seal #s					Receipt pH (Wet/Metals) _____

PROJECT WORK ORDER
Medley Farm - February 2006

Project: Medley Farm

Project Number: 71243.39

Sample Date: Feb. 20, 2006 - Mar. 3, 2006

Turnaround Time: Standard

Detection Limit: Federal DW MCL where applicable

QC Package: Level 2

RMT format EDD required.

Laboratory: Microseeps

220 William Pitt Way

Pittsburgh, PA 15238

Ph: (412) 826-5245 Fax: (412) 826-3433

Contact: Debbie Hallo or Becky Hand

Project Manager: Steve Webb

Project Contact: Brian Grothaus

Laboratory: Pace - Green Bay, WI

1241 Bellevue St.

Greenbay, WI 54302

Ph: 1-800-7-ENCHEM Fax: 920-469-8827

Contact: Tom Trainor

Sample ID	VOC	Dissolved Ferrous Iron	Dissolved Manganese	Chloride, Sulfate, Alkalinity	Volatile Fatty Acids	FIELD pH, DO, ORP, TDP, TP	Comments
MLW-3-1	260B	Field Kit	6010B	300 / 310.23	AM21C	Conc.	
MLW-3-2							
MLW-3-3							
MLW-3-4							
MW-3D							
MW-2-1							
MW-2-2							
MW-4-1							
MW-4-2							
SW-101							
SW-102							
SW-108							
SW-201							
SW-202							
SW-3							
SW-4							
FBLK-06101							
RBLK-06101							
TBLK-06101							
TBLK-06102							
TBLK-06103							

A - VOCs: three 40 mL septum vials; HCl preservative; ice; HT - 14 days

B - Dissolved Ferrous Iron: Chemetrics field test kit; HT - ASAP

C - Dissolved Manganese: one 125 mL plastic; HNO₃ to pH<2; ice; HT - 6 months

D - Chloride, Sulfate; Alkalinity: one 500 mL plastic; no preservative; ice; HT - 28 days; 14 days

E - Volatile Fatty Acids: two 40 mL clear; no preservative; ice; HT - preferred 14 day

MCL reporting (NOT MDL unless needed for MCL); "J" flagging; no SIM.

PROJECT WORK ORDER
Medley Farm - February 2006

Project: Medley Farm

Project Number: 71243.39

Sample Date: Feb. 20, 2006 - Mar. 3, 2006

Turnaround Time: Standard

Detection Limit: Federal DW MCL where applicable

QC Package: Level 2

RMT format EDD required.

Laboratory: Microseeps

220 William Pitt Way

Pittsburgh, PA 15238

Ph: (412) 826-5245 Fax: (412) 826-3433

Contact: Debbie Hallo or Becky Hand

Project Manager: Steve Webb

Project Contact: Brian Grothaus

Laboratory: Pace - Green Bay, WI

1241 Bellevue St.

Greenbay, WI 54302

Ph: 1-800-7-ENCHEM Fax: 920-469-8827

Contact: Tom Trainor

Analyte	VOCs	Dissolved Ferrous Iron	Dissolved Manganese	Chloride & Sulfate/Alkalinity	Volatile Fatty Acids	FIELD pH, DO, ORP, Temp, Spec Cond	Comments
Method	8260B*	Field Kit	6010B	300 / 310.2	AM21G		
Bottle	A	B	C	D	E		
Sample ID							Measure water levels on all wells.
A-1							
A-2							No MS/MSD
A-3							
A-4							*Special Volatiles List
A-5							Acetone
A-6							Benzene
A-7							2-Butanone
B-1							Chloroform
B-2							Chloroethane
B-3							Chloromethane
B-4							1,1-Dichloromethane
BW-2							1,2-Dichloroethane
BW-108							1,1-Dichloroethene
BW-109							cis-1,2-Dichloroethene
BW-201							trans-1,2-dichloroethene
BW-202							Methylene chloride
DP-3-1							Tetrachloroethene
DP-3-2							Trichloroethene
MLW-1-1							1,1,1-Trichloroethane
MLW-1-2							1,1,2-Trichloroethane
MLW-1-3							Vinyl chloride
MLW-1-4							Volatile Fatty Acids are to be sent to Microseeps.

Cooler Receipt Form

Client: RMT, Inc.

Project: Medley Farm

Client Code: RMTSC

Lab Project #: P0602400

Cooler ID: 1

A. Preliminary Examination Phase:

Date cooler opened: 2/28/2006

Cooler opened by: cw

1. Was airbill Attached? Yes

Airbill #: 852088815013

Carrier Name: FedEx

2. Custody Seals? N/A

How many? 0

Location:

Seal Name:

3. Seals intact? N/A

4. Screened for radiation? N/A

5. COC Attached? Yes

Properly Completed? Yes

Signed by employee? Yes

6. Project Identification from custody paper: Medley Farm

7. Preservative: Yes

Temperature: 5

Comments:

B. Log-In Phase: Samples Log-in Date: 2/28/2006 **Log-in By:** cw

1. Packing Type: Bubble Wrap

2. Were samples in separate bags? Yes

3. Were containers intact? Yes

Labels agree with COC? Yes

4. Number of bottles received: 14

Number of samples received: 7

5. Correct containers used? Yes

Correct preservatives added? Yes

6. Sufficient sample volume? Yes

7. Bubbles in VOA samples? No

8. Was Project manager called and status discussed? N/A

Comments:

Have designate person initial here to acknowledge receipt of cooler:

C. Nash Date: 2/28/06



Client Name: RMT, Inc.
 Contact: Steve Webb
 Address: Patewood Plaza One
 Suite 100
 30 Patewood Drive
 Greenville, SC 29615-3535

Page: Page 1 of 21
 Lab Proj #: P0603063
 Report Date: 03/15/06
 Client Proj Name: Medley Farm
 Client Proj #: 71243.39

Laboratory Results

<u>Lab Sample #</u>	<u>Client Sample ID</u>
P0603063-01	B-3
P0603063-02	B-4
P0603063-03	DP3-1
P0603063-04	DP3-2
P0603063-05	MW2-2
P0603063-06	BW-2
P0603063-07	SW-102
P0603063-08	BW-202
P0603063-09	SW-202
P0603063-10	SW-4
P0603063-11	MW2-1
P0603063-12	MLW3-4
P0603063-13	MLW3-3
P0603063-14	MLW3-2
P0603063-15	MLW3-1
P0603063-16	MLW1-1
P0603063-17	MLW1-2
P0603063-18	MLW1-4

Total pages in data package: 30

Microseeps test results meet all the requirements of the NELAC standards.

Approved By: Alebri Hall

The analytical results reported here are reliable and usable to the precision expressed in this report. As required by some regulating authorities, a full discussion of the uncertainty in our analytical results can be obtained at our web site or through customer service. Unless otherwise specified, all results are reported on a wet weight basis.

As a valued client we would appreciate your comments on our service.
 Please call customer service at (412)826-5245 or email customerservice@microseeps.com.

Case Narrative

QC - LCH, 3/23/06: COC, TEMP, MB, LCS, MS/MSD, DL, AM21G-METHOD ✓
 HT - 14 DAYS - see lab e-mail attached - no flags.

QC ✓

220 William Pitt Way • Pittsburgh, PA 15238 • Tel 412-826-5245 • Fax 412-826-3433
 website www.microseeps.com email info@microseeps.com

Client Name: RMT, Inc.
Contact: Steve Webb
Address: Patewood Plaza One
Suite 100
30 Patewood Drive
Greenville, SC 29615-3535

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Lab Proj #: P0603063
Report Date: 03/15/06
Client Proj Name: Medley Farm
Client Proj #: 71243.39

Sample Description	Matrix	Lab Sample #		Sampled Date/Time		Received	
B-3	Water	P0603063-01		27 Feb. 06 12:20		03 Mar. 06 12:31	
SemiVolatile							
Acetic Acid	U	< 1.00	1.00	mg/L	AM21G	3/14/06	td
Butyric acid	U	< 1.00	1.00	mg/L	AM21G	3/14/06	td
Lactic Acid	U	< 25.00	25.00	mg/L	AM21G	3/14/06	td
Propionic acid	U	< 1.00	1.00	mg/L	AM21G	3/14/06	td
Pyruvic acid	U	< 10.00	10.00	mg/L	AM21G	3/14/06	td

Data Qualifiers: J - estimated value, U - Non detect, R - Poor surrogate recovery, M - Recovery/RPD poor for MS/MSD, SAMP/DUP, B - detected in blank, S - field sample as received did not meet NELAC sample acceptance criteria, L - Subcontracted Lab used; N - NELAC certified analysis

Client Name: RMT, Inc.
Contact: Steve Webb
Address: Patewood Plaza One
Suite 100
30 Patewood Drive
Greenville, SC 29615-3535

Page: Page 3 of 21
Lab Proj #: P0603063
Report Date: 03/15/06
Client Proj Name: Medley Farm
Client Proj #: 71243.39

Sample Description	Matrix	Lab Sample #		Sampled Date/Time		Received	
Analyte(s)	Flag	Result	PQL	Units	Method #	Analysis Date	By
SemiVolatiles							
Acetic Acid		580.00	10.00	mg/L	AM21G	3/15/06	td
Butyric acid		55.00	1	mg/L	AM21G	3/14/06	td
Lactic Acid	U	< 25.00	25	mg/L	AM21G	3/14/06	td
Propionic acid		1100.00	10.00	mg/L	AM21G	3/15/06	td
Pyruvic acid	J	0.59	10	mg/L	AM21G	3/14/06	td

Data Qualifiers: J - estimated value, U - Non detect, R - Poor surrogate recovery, M - Recovery/RPD poor for MS/MSD, SAMP/DUP, B - detected in blank, S - field sample as received did not meet NELAC sample acceptance criteria, L - Subcontracted Lab used, N - NELAC certified analysis

Client Name: RMT, Inc.
Contact: Steve Webb
Address: Patewood Plaza One
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Greenville, SC 29615-3535

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Lab Proj #: P0603063
Report Date: 03/15/06
Client Proj Name: Medley Farm
Client Proj #: 71243.39

<u>Sample Description</u>	<u>Matrix</u>	<u>Lab Sample #</u>		<u>Sampled Date/Time</u>		<u>Received</u>	
DP3-1	Water	P0603063-03		28 Feb. 06 8:50		03-Mar. 06 12:31	
<u>Analyte(s)</u>	<u>Flag</u>	<u>Result</u>	<u>PQL</u>	<u>Units</u>	<u>Method #</u>	<u>Analysis Date</u>	<u>By</u>
SemiVolatiles							
Acetic Acid	J	0.53	1.00	mg/L	AM21G	3/14/06	td
Butyric acid	U	< 1.00	1.00	mg/L	AM21G	3/14/06	td
Lactic Acid	U	< 25.00	25.00	mg/L	AM21G	3/14/06	td
Propionic acid	J	0.12	1.00	mg/L	AM21G	3/14/06	td
Pyruvic acid	U	< 10.00	10.00	mg/L	AM21G	3/14/06	td

Data Qualifiers: J - estimated value, U - Non detect, R - Poor surrogate recovery, M - Recovery/RPD poor for MS/MSD, SAMP/DUP, B - detected in blank, S - field sample as received did not meet NELAC sample acceptance criteria, L - Subcontracted Lab used, N - NELAC certified analysis

Client Name: RMT, Inc.
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Lab Proj #: P0603063
Report Date: 03/15/06
Client Proj Name: Medley Farm
Client Proj #: 71243.39

Sample Description	Matrix	Lab Sample #		Sampled Date/Time		Received	
Analyte(s)	Flag	Result	PQL	Units	Method #	Analysis Date	By
DP3-2	Water	P0603063-04			28 Feb. 06 12:25	03 Mar. 06 12:31	
SemiVolatiles							
Acetic Acid	U	< 1.00	1.00	mg/L	AM21G	3/14/06	td
Butyric acid	U	< 1.00	1.00	mg/L	AM21G	3/14/06	td
Lactic Acid	U	< 25.00	25.00	mg/L	AM21G	3/14/06	td
Propionic acid	U	< 1.00	1.00	mg/L	AM21G	3/14/06	td
Pyruvic acid	U	< 10.00	10.00	mg/L	AM21G	3/14/06	td

Data Qualifiers: J - estimated value, U - Non detect, R - Poor surrogate recovery, M - Recovery/RPD poor for MS/MSD, SAMP/DUP, B - detected in blank, S - field sample as received did not meet NELAC sample acceptance criteria, L - Subcontracted Lab used, N - NELAC certified analysis

Client Name: RMT, Inc.
Contact: Steve Webb
Address: Patewood Plaza One
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Greenville, SC 29615-3535

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Lab Proj #: P0603063
Report Date: 03/15/06
Client Proj Name: Medley Farm
Client Proj #: 71243.39

<u>Sample Description</u>	<u>Matrix</u>	<u>Lab Sample #</u>		<u>Sampled Date/Time</u>		<u>Received</u>	
MW2-2	Water	P0603063-05		28 Feb. 06 11:40		03 Mar. 06 12:31	
<u>Analyte(s)</u>	<u>Flag</u>	<u>Result</u>	<u>PQL</u>	<u>Units</u>	<u>Method #</u>	<u>Analysis Date</u>	<u>By</u>
SemiVolatile							
Acetic Acid	U	< 1.00	1.00	mg/L	AM21G	3/14/06	td
Butyric acid	U	< 1.00	1.00	mg/L	AM21G	3/14/06	td
Lactic Acid	U	< 25.00	25.00	mg/L	AM21G	3/14/06	td
Propionic acid	U	< 1.00	1.00	mg/L	AM21G	3/14/06	td
Pyruvic acid	U	< 10.00	10.00	mg/L	AM21G	3/14/06	td

Data Qualifiers: J - estimated value, U - Non detect, R - Poor surrogate recovery, M - Recovery/RPD poor for MS/MSD, SAMP/DUP, B - detected in blank, S - field sample as received did not meet NELAC sample acceptance criteria, L - Subcontracted Lab used, N - NELAC certified analysis

Client Name: RMT, Inc.
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Lab Proj #: P0603063
Report Date: 03/15/06
Client Proj Name: Medley Farm
Client Proj #: 71243.39

Sample Description	Matrix	Lab Sample #	Sampled Date/Time		Received		
BW-2	Water	P0603063-06	28 Feb. 06	15:00	03 Mar. 06	12:31	
SemiVolatiles							
Acetic Acid	U	< 1.00	1.00	mg/L	AM21G	3/14/06	td
Butyric acid	U	< 1.00	1.00	mg/L	AM21G	3/14/06	td
Lactic Acid	U	< 25.00	25.00	mg/L	AM21G	3/14/06	td
Propionic acid	U	< 1.00	1.00	mg/L	AM21G	3/14/06	td
Pyruvic acid	U	< 10.00	10.00	mg/L	AM21G	3/14/06	td

Data Qualifiers: J - estimated value, U - Non detect, R - Poor surrogate recovery, M - Recovery/RPD poor for MS/MSD, SAMP/DUP, B - detected in blank, S - field sample as received did not meet NELAC sample acceptance criteria, L - Subcontracted Lab used, N - NELAC certified analysis

Client Name: RMT, Inc.
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Address: Patewood Plaza One
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Lab Proj #: P0603063
Report Date: 03/15/06
Client Proj Name: Medley Farm
Client Proj #: 71243.39

Sample Description	Matrix	Lab Sample #		Sampled Date/Time		Received	
Analyte(s)	Flag	Result	PQL	Units	Method #	Analysis Date	By
SemiVolatiles							
Acetic Acid	U	< 1.00	1.00	mg/L	AM21G	3/14/06	td
Butyric acid	U	< 1.00	1.00	mg/L	AM21G	3/14/06	td
Lactic Acid	U	< 25.00	25.00	mg/L	AM21G	3/14/06	td
Propionic acid	U	< 1.00	1.00	mg/L	AM21G	3/14/06	td
Pyruvic acid	U	< 10.00	10.00	mg/L	AM21G	3/14/06	td

Data Qualifiers: J - estimated value, U - Non detect, R - Poor surrogate recovery, M - Recovery/RPD poor for MS/MSD, SAMP/DUP, B - detected in blank, S - field sample as received did not meet NELAC sample acceptance criteria, L - Subcontracted Lab used, N - NELAC certified analysis

Client Name: RMT, Inc.
Contact: Steve Webb
Address: Patewood Plaza One
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Lab Proj #: P0603063
Report Date: 03/15/06
Client Proj Name: Medley Farm
Client Proj #: 71243.39

<u>Sample Description</u>	<u>Matrix</u>	<u>Lab Sample #</u>		<u>Sampled Date/Time</u>		<u>Received</u>
BW-202	Water	P0603063-08		01 Mar. 06 10:55		03 Mar. 06 12:31
<u>Analyte(s)</u>	<u>Flag</u>	<u>Result</u>	<u>PQL</u>	<u>Units</u>	<u>Method #</u>	<u>Analysis Date</u>
SemiVolatiles						
Acetic Acid	U	< 1.00	1.00	mg/L	AM21G	3/14/06
Butyric acid	U	< 1.00	1.00	mg/L	AM21G	3/14/06
Lactic Acid	U	< 25.00	25.00	mg/L	AM21G	3/14/06
Propionic acid	U	< 1.00	1.00	mg/L	AM21G	3/14/06
Pyruvic acid	U	< 10.00	10.00	mg/L	AM21G	3/14/06

Data Qualifiers: J - estimated value, U - Non detect, R - Poor surrogate recovery, M - Recovery/RPD poor for MS/MSD, SAMP/DUP, B - detected in blank, S - field sample as received did not meet NELAC sample acceptance criteria, L - Subcontracted Lab used, N - NELAC certified analysis

Client Name: RMT, Inc.
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Address: Patewood Plaza One
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Lab Proj #: P0603063
Report Date: 03/15/06
Client Proj Name: Medley Farm
Client Proj #: 71243.39

<u>Sample Description</u>	<u>Matrix</u>	<u>Lab Sample #</u>		<u>Sampled Date/Time</u>		<u>Received</u>
SW-202	Water	P0603063-09		01 Mar. 06 11:45		03 Mar. 06 12:31
<u>Analyte(s)</u>	<u>Flag</u>	<u>Result</u>	<u>PQL</u>	<u>Units</u>	<u>Method #</u>	<u>Analysis Date</u>
SemiVolatiles						
Acetic Acid	U	< 1.00	1.00	mg/L	AM21G	3/14/06
Butyric acid	U	< 1.00	1.00	mg/L	AM21G	3/14/06
Lactic Acid	U	< 25.00	25.00	mg/L	AM21G	3/14/06
Propionic acid	U	< 1.00	1.00	mg/L	AM21G	3/14/06
Pyruvic acid	U	< 10.00	10.00	mg/L	AM21G	3/14/06

Data Qualifiers: J - estimated value, U - Non detect, R - Poor surrogate recovery, M - Recovery/RPD poor for MS/MSD, SAMP/DUP, B - detected in blank, S - field sample as received did not meet NELAC sample acceptance criteria, L - Subcontracted Lab used, N - NELAC certified analysis

Client Name: RMT, Inc.
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Lab Proj #: P0603063
Report Date: 03/15/06
Client Proj Name: Medley Farm
Client Proj #: 71243.39

<u>Sample Description</u>	<u>Matrix</u>	<u>Lab Sample #</u>		<u>Sampled Date/Time</u>		<u>Received</u>
SW-4	Water	P0603063-10		01 Mar. 06 13:05		03 Mar. 06 12:31
<u>Analyte(s)</u>	<u>Flag</u>	<u>Result</u>	<u>PQL</u>	<u>Units</u>	<u>Method #</u>	<u>Analysis Date</u>
SemiVolatile						
Acetic Acid	J	0.27	1.00	mg/L	AM21G	3/14/06
Butyric acid	U	< 1.00	1.00	mg/L	AM21G	3/14/06
Lactic Acid	U	< 25.00	25.00	mg/L	AM21G	3/14/06
Propionic acid	U	< 1.00	1.00	mg/L	AM21G	3/14/06
Pyruvic acid	U	< 10.00	10.00	mg/L	AM21G	3/14/06

Data Qualifiers: J - estimated value, U - Non detect, R - Poor surrogate recovery, M - Recovery/RPD poor for MS/MSD, SAMP/DUP, B - detected in blank, S - field sample as received did not meet NELAC sample acceptance criteria, L - Subcontracted Lab used, N - NELAC certified analysis

Client Name: RMT, Inc.
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Address: Patewood Plaza One
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Lab Proj #: P0603063
Report Date: 03/15/06
Client Proj Name: Medley Farm
Client Proj #: 71243.39

Sample Description	Matrix	Lab Sample #		Sampled Date/Time		Received	
MW2-1	Water	P0603063-11		01 Mar. 06 13:55		03 Mar. 06 12:31	
Analyte(s)	Flag	Result	PQL	Units	Method #	Analysis Date	By
SemiVolatiles							
Acetic Acid	U	< 1.00	1.00	mg/L	AM21G	3/14/06	td
Butyric acid	U	< 1.00	1.00	mg/L	AM21G	3/14/06	td
Lactic Acid	U	< 25.00	25.00	mg/L	AM21G	3/14/06	td
Propionic acid	U	< 1.00	1.00	mg/L	AM21G	3/14/06	td
Pyruvic acid	U	<10.00	10.00	mg/L	AM21G	3/14/06	td

Data Qualifiers: J - estimated value, U - Non detect, R - Poor surrogate recovery, M - Recovery/RPD poor for MS/MSD, SAMP/DUP, B - detected in blank, S - field sample as received did not meet NELAC sample acceptance criteria, L - Subcontracted Lab used, N - NELAC certified analysis

Client Name: RMT, Inc.
Contact: Steve Webb
Address: Patewood Plaza One
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Greenville, SC 29615-3535

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Lab Proj #: P0603063
Report Date: 03/15/06
Client Proj Name: Medley Farm
Client Proj #: 71243.39

<u>Sample Description</u>	<u>Matrix</u>	<u>Lab Sample #</u>		<u>Sampled Date/Time</u>		<u>Received</u>	
MLW3-4	Water	P0603063-12		01 Mar. 06 9:30		03 Mar. 06 12:31	
<u>Analyte(s)</u>	<u>Flag</u>	<u>Result</u>	<u>PQL</u>	<u>Units</u>	<u>Method #</u>	<u>Analysis Date</u>	<u>By</u>
SemiVolatiles							
Acetic Acid	U	< 1.00	1.00	mg/L	AM21G	3/14/06	td
Butyric acid	U	< 1.00	1.00	mg/L	AM21G	3/14/06	td
Lactic Acid	U	< 25.00	25.00	mg/L	AM21G	3/14/06	td
Propionic acid	U	< 1.00	1.00	mg/L	AM21G	3/14/06	td
Pyruvic acid	U	< 10.00	10.00	mg/L	AM21G	3/14/06	td

Data Qualifiers: J - estimated value, U - Non detect, R - Poor surrogate recovery, M - Recovery/RPD poor for MS/MSD, SAMP/DUP, B - detected in blank, S - field sample as received did not meet NELAC sample acceptance criteria, L - Subcontracted Lab used, N - NELAC certified analysis

Client Name: RMT, Inc.
Contact: Steve Webb
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Page: Page 14 of 21
Lab Proj #: P0603063
Report Date: 03/15/06
Client Proj Name: Medley Farm
Client Proj #: 71243.39

<u>Sample Description</u>	<u>Matrix</u>	<u>Lab Sample #</u>		<u>Sampled Date/Time</u>		<u>Received</u>	
MLW3-3	Water	P0603063-13		01 Mar. 06 10:00		03 Mar. 06 12:31	
<u>Analyte(s)</u>	<u>Flag</u>	<u>Result</u>	<u>PQL</u>	<u>Units</u>	<u>Method #</u>	<u>Analysis Date</u>	<u>By</u>
SemiVolatiles							
Acetic Acid	U	< 1.00	1.00	mg/L	AM21G	3/14/06	td
Butyric acid	U	< 1.00	1.00	mg/L	AM21G	3/14/06	td
Lactic Acid	U	< 25.00	25.00	mg/L	AM21G	3/14/06	td
Propionic acid	U	< 1.00	1.00	mg/L	AM21G	3/14/06	td
Pyruvic acid	U	< 10.00	10.00	mg/L	AM21G	3/14/06	td

Data Qualifiers: J - estimated value, U - Non detect, R - Poor surrogate recovery, M - Recovery/RPD poor for MS/MSD, SAMP/DUP, B - detected in blank, S - field sample as received did not meet NELAC sample acceptance criteria, L - Subcontracted Lab used, N - NELAC certified analysis

Client Name: RMT, Inc.
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Lab Proj #: P0603063
Report Date: 03/15/06
Client Proj Name: Medley Farm
Client Proj #: 71243.39

Sample Description	Matrix	Lab Sample #		Sampled Date/Time		Received
MLW3-2	Water	P0603063-14		01 Mar. 06 10:30		03 Mar. 06 12:31
Analyte(s)	Flag	Result	PQL	Units	Method #	Analysis Date
SemiVolatiles						
Acetic Acid	J	0.27	1.00	mg/L	AM21G	3/14/06
Butyric acid	U	< 1.00	1.00	mg/L	AM21G	3/14/06
Lactic Acid	U	< 25.00	25.00	mg/L	AM21G	3/14/06
Propionic acid	U	< 1.00	1.00	mg/L	AM21G	3/14/06
Pyruvic acid	U	< 10.00	10.00	mg/L	AM21G	3/14/06

Data Qualifiers: J - estimated value, U - Non detect, R - Poor surrogate recovery, M - Recovery/RPD poor for MS/MSD, SAMP/DUP, B - detected in blank, S - field sample as received did not meet NELAC sample acceptance criteria, L - Subcontracted Lab used, N - NELAC certified analysis

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Greenville, SC 29615-3535

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Lab Proj #: P0603063
Report Date: 03/15/06
Client Proj Name: Medley Farm
Client Proj #: 71243.39

Sample Description	Matrix	Lab Sample #		Sampled Date/Time		Received	
MLW3-1	Water	P0603063-15		01 Mar. 06 11:00		03 Mar. 06 12:31	
SemiVolatiles							
Acetic Acid		490.00	1.00	mg/L	AM21G	3/14/06	td
Butyric acid		230.00	1.00	mg/L	AM21G	3/14/06	td
Lactic Acid		220.00	25.00	mg/L	AM21G	3/14/06	td
Propionic acid		50.00	1.00	mg/L	AM21G	3/14/06	td
Pyruvic acid	U	< 10.00	10.00	mg/L	AM21G	3/14/06	td

Data Qualifiers: J - estimated value, U - Non detect, M - Recovery/RPD poor for MS/MSD, SAMP/DUP, B - detected in blank, S - field sample as received did not meet NELAC sample acceptance criteria, L - Subcontracted Lab used, N - NELAC certified analysis

Client Name: RMT, Inc.
Contact: Steve Webb
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Lab Proj #: P0603063
Report Date: 03/15/06
Client Proj Name: Medley Farm
Client Proj #: 71243,39

Sample Description	Matrix	Lab Sample #		Sampled Date/Time		Received	
MLW1-1	Water	P0603063-16		01 Mar. 06 14:05		03 Mar. 06 12:31	
SemiVolatile							
Acetic Acid		7.30	1.00	mg/L	AM21G	3/14/06	td
Butyric acid	U	< 1.00	1.00	mg/L	AM21G	3/14/06	td
Lactic Acid	J	24.00	25.00	mg/L	AM21G	3/14/06	td
Propionic acid	J	0.66	1.00	mg/L	AM21G	3/14/06	td
Pyruvic acid	U	< 10.00	10.00	mg/L	AM21G	3/14/06	td

Data Qualifiers: J - estimated value, U - Non detect, R - Poor surrogate recovery, M - Recovery/RPD poor for MS/MSD, SAMP/DUP, B - detected in blank, S - field sample as received did not meet NELAC sample acceptance criteria, L - Subcontracted Lab used, N - NELAC certified analysis

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Lab Proj #: P0603063
Report Date: 03/15/06
Client Proj Name: Medley Farm
Client Proj #: 71243.39

Sample Description	Matrix	Lab Sample #		Sampled Date/Time		Received	
Analyte(s)	Flag	Result	PQL	Units	Method #	Analysis Date	By
MLW1-2	Water	P0603063-17			01 Mar. 06 14:20	03 Mar. 06 12:31	
SemiVolatiles							
Acetic Acid		12.00	1.00	mg/L	AM21G	3/14/06	td
Butyric acid	J	0.31	1.00	mg/L	AM21G	3/14/06	td
Lactic Acid	J	4.90	25.00	mg/L	AM21G	3/14/06	td
Propionic acid		3.10	1.00	mg/L	AM21G	3/14/06	td
Pyruvic acid	U	< 10.00	10.00	mg/L	AM21G	3/14/06	td

Data Qualifiers: J - estimated value, U - Non detect, R - Poor surrogate recovery, M - Recovery/RPD poor for MS/MSD, SAMP/DUP, B - detected in blank, S - field sample as received did not meet NELAC sample acceptance criteria, L - Subcontracted Lab used, N - NELAC certified analysis.

Client Name: RMT, Inc.
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Page: Page 19 of 21
Lab Proj #: P0603063
Report Date: 03/15/06
Client Proj Name: Medley Farm
Client Proj #: 71243.39

Sample Description	Matrix	Lab Sample #		Sampled Date/Time		Received	
MLW1-4	Water	P0603063-18		01 Mar. 06 14:40		03 Mar. 06 12:31	
SemiVolatiles							
Acetic Acid	J	0.54	1.00	mg/L	AM21G	3/15/06	td
Butyric acid	U	< 1.00	1.00	mg/L	AM21G	3/15/06	td
Lactic Acid	U	< 25.00	25.00	mg/L	AM21G	3/15/06	td
Propionic acid	U	< 1.00	1.00	mg/L	AM21G	3/15/06	td
Pyruvic acid	U	< 10.00	10.00	mg/L	AM21G	3/15/06	td

Data Qualifiers: J - estimated value, U - Non detect, R - Poor surrogate recovery, M - Recovery/RPD poor for MS/MSD, SAMP/DUP, B - detected in blank, S - field sample as received did not meet NELAC sample acceptance criteria, L - Subcontracted Lab used, N - NELAC certified analysis



CHAIN OF CUSTODY RECORD

76442

30 Patewood Drive, Suite 100, Patewood Plaza One, Greenville, SC 29615-3535
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Project No.		Project/Client:		Total Number of Containers	MATRIX	Filtered (Yes/No)		N	N	Y	N
71243.39		Medley Farm				Preserved (Code)		F	E	A	S
Project Manager/Contact Person:	S. Webb / B. Grothaus / J. Friend					VOC's	Strontium	Axide	Sulfate	Chloride	Alkalinity
Lab No.	Yr. DB	Date	Time	Sample Station ID		Dissolved Nitrogen	Chloride + Sulfate	Alkalinity			
1	2/27	1220	B-3		5	GW	3 +	1	1		
2	2/27	1610	B-4		5		3 +	1	1		
3	2/28	0850	DP3-1		5		3 +	1	1		
4	2/28	1225	DP3-2		5		3 +	1	1		
5	2/28	1140	MW2-2		5		3 +	1	1		
6	2/28	1500	BW-2		5		3 +	1	1		
7	2/28	1445	SW-102		5		3 +	1	1		
8	3/1	1055	BW-202		5		3 +	1	1		
9	1	1145	SW-202		5		3 +	1	1		
10	↓	1305	SW-4		5	↓	3 +	1	1		

SPECIAL INSTRUCTIONS

8542 1505 1744			
SAMPLER Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time
Kent Aoley	3-2-06 1500	FedEx	3-2-06
Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time
Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time
Custody Seal: Present/Absent Intact/Not Intact Seal #s			
HAZARDS ASSOCIATED WITH SAMPLES			
<input type="checkbox"/> Flammable <input type="checkbox"/> Corrosive <input type="checkbox"/> Highly Toxic <input type="checkbox"/> Other (list)			
Turn Around (circle one) Normal Rush			
Report Due _____			
(For Lab Use Only)			
Receipt Temp: Temp Blank Y N			
Receipt pH (Wet/Metals)			



CHAIN OF CUSTODY RECORD

76443

30 Patewood Drive, Suite 100, Patewood Plaza One, Greenville, SC 29615-3535
 Phone 864/281-0030 • Fax 864/281-0288

Project No. 71243.39	Project/Client: <i>Medley Farm</i>
-------------------------	---------------------------------------

Project Manager/Contact Person:

S. Webb/B.Grothaus/J. Friend

Lab No.	Yr.	Month	Date	Time	Sample Station ID	Total Number of Containers	MATRIX
11	3/1	1355			MLW 2-1	5	GW
12	1	0930			MLW 3-4	5	
13		1000			MLW 3-3	5	
14		1030			MLW 3-2	5	
15		1100			MLW 3-1	5	
16		1405			MLW 1-1	5	
17		1420			MLW 1-2	5	
18		1440			MLW 1-4	5	
19	↓	—			TBCK-06103	3	DI

Filtered (Yes/No)	N	N	Y					
Preserved (Code)	E	A	B					
Analyses Requested	VOC's	Chloride	Sulfate	Alkalinity	Dissolved Oxygen	Chloride	Sulfate	Alkalinity
Comments:								

SPECIAL INSTRUCTIONS

854215051744

SAMPLER Relinquished by (Signature) <i>Kent Kelly</i>	Date/Time 3-2-06 1500	Received by (Signature) FedEx 3-2-06	Date/Time	HAZARDS ASSOCIATED WITH SAMPLES <input type="checkbox"/> Flammable <input type="checkbox"/> Corrosive <input type="checkbox"/> Highly Toxic <input type="checkbox"/> Other (list) <hr/>	Turn Around (circle one) Normal	Rush
Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time		Report Due	
Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time		(For Lab Use Only)	
Custody Seal: Present/Absent	Intact/Not Intact	Seal #s			Receipt Temp: Temp Blank	Receipt pH (Wet/Metals)

PROJECT WORK ORDER
Medley Farm - February 2006

Project: Medley Farm

Project Number: 71243.39

Sample Date: Feb. 20, 2006 - Mar. 3, 2006

Turnaround Time: Standard

Detection Limit: Federal DW MCL where applicable

QC Package: Level 2

RMT format EDD required.

Laboratory: Microseeps

220 William Pitt Way

Pittsburgh, PA 15238

Ph: (412) 826-5245 Fax: (412) 826-3433

Contact: Debbie Hallo or Becky Hand

Project Manager: Steve Webb

Project Contact: Brian Grothaus

Laboratory: Pace - Green Bay, WI

1241 Bellevue St.

Greenbay, WI 54302

Ph: 1-800-7-ENCHEM Fax: 920-469-8827

Contact: Tom Trainor

Analyte	VOC	Dissolved Vitrates	Dissolved Iron	Dissolved Manganese	Chloride	Sulfate	Volatile Fatty Acids	FIELD pH DO ORP	Conductivity	Comments
Method	9260B	FieldKit	9010B	300/310.2	AM21C					
Bottle	A	B	C	D	E					
Sample ID										Measure water levels on all wells.
A-1										
A-2										No MS/MSD
A-3										
A-4										*Special Volatiles List
A-5										Acetone
A-6										Benzene
A-7										2-Butanone
B-1										Chloroform
B-2										Chloroethane
B-3										Chloromethane
B-4										1,1-Dichloroethane
BW-2										1,2-Dichloroethane
BW-108										1,1-Dichloroethene
BW-109										cis-1,2-Dichloroethene
BW-201										trans-1,2-dichloroethene
BW-202										Methylene chloride
DP-3-1										Tetrachloroethene
DP-3-2										Trichloroethene
MLW-1-1										1,1,1-Trichloroethane
MLW-1-2										1,1,2-Trichloroethane
MLW-1-3										Vinyl chloride
MLW-1-4										Volatile Fatty Acids are to be sent to Microseeps.

PROJECT WORK ORDER
Medley Farm - February 2006

Project: Medley Farm

Project Number: 71243.39

Sample Date: Feb. 20, 2006 - Mar. 3, 2006

Turnaround Time: Standard

Detection Limit: Federal DW MCL where applicable

QC Package: Level 2

RMT format EDD required.

Laboratory: Microseeps

220 William Pitt Way

Pittsburgh, PA 15238

Ph: (412) 826-5245 Fax: (412) 826-3433

Contact: Debbie Hallo or Becky Hand

Project Manager: Steve Webb

Project Contact: Brian Grothaus

Laboratory: Pace - Green Bay, WI

1241 Bellevue St.

Greenbay, WI 54302

Ph: 1-800-7-ENCHEM Fax: 920-469-8827

Contact: Tom Trainor

Analyte	VOCs	Dissolved Ferrous Iron	Dissolved Manganese	Chloride & Sulfate	Volatile Fatty Acids	FIELD	Comments
Method	8260B	Field Kit	6010B	200/210.2	AM21C	pH DO ORP Temp Spec Cond	
MLW-3-1							
MLW-3-2							
MLW-3-3							
MLW-3-4							
MW-3D							
MW-2-1							
MW-2-2							
MW-4-1							
MW-4-2							
SW-101							
SW-102							
SW-108							
SW-201							
SW-202							
SW-3							
SW-4							
FBLK-06101							
RBLK-06101							
TBLK-06101							
TBLK-06102							
TBLK-06103							

A - VOCs: three 40 mL septum vials; HCl preservative; ice; HT - 14 days

B - Dissolved Ferrous Iron: Chemetrics field test kit; HT - ASAP

C - Dissolved Manganese: one 125 mL plastic; HNO₃ to pH<2; ice; HT - 6 months

D - Chloride, Sulfate; Alkalinity: one 500 mL plastic; no preservative; ice; HT - 28 days; 14 days

E - Volatile Fatty Acids: two 40 mL clear; no preservative; ice; HT - preferred 14 day

MCL reporting (NOT MDL unless needed for MCL); "J" flagging; no SIM.

NON-COMPLIANCE FORM

Date: 3/3/6

Receivers:

Time of Receipt:

Client: RMT

Number of Samples out of Conformance:

REASONS FOR NON-COMPLIANCE

- Samples received past holding time Broken bottles Incorrect containers Incorrect preservative
 Sample ID different from COC Labels missing or unreadable Analysis not written on COC Sample received not on COC
 Sample on COC not received Hold time not observed internally

Description: Do not receive sample TB1k-06102

Not Received 2 40ml Vials nonpreserved for all samples

Remarks:

(See other side for resolution)



✓ 20603065

CHAIN OF CUSTODY RECORD

76444

30 Patewood Drive, Suite 100, Patewood Plaza One, Greenville, SC 29615-3535
Phone 864/281-0030 : Fax 864/281-0288

Project No. 71243.39	Project/Client: Medley Farm	Total Number of Containers	MATRIX	Analyses Requested Volatile Fatty Acids										
Project Manager/Contact Person: S. Webb / B. Grothaus / J. Friend														
Lab No.	Yr. <u>06</u> Date	Time	Sample Station ID											Comments:
1	2/27	1220	B-3	2	GW	X								
2	2/27	1610	B-4	/	/	/								
3	2/28	0850	DP3-1	/	/	/								
4		1225	DP3-2	/	/	/								
5		1140	MW2-2	/	/	/								
6		1500	BW-2	/	/	/								
7	2/28	1445	SW-102	/	/	/								
8	3/1	1055	BW-202	/	/	/								
9	3/1	1145	SW-202	/	/	/								
10	3/1	1305	SW-4	/	/	/								

SPECIAL INSTRUCTIONS

8542 1505 1733					
SAMPLER Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time	HAZARDS ASSOCIATED WITH SAMPLES	Turn Around (circle one) Normal Rush
Kent Adkins	3:20PM 15/01	Fed EX	3:20PM	<input type="checkbox"/> Flammable <input type="checkbox"/> Corrosive <input type="checkbox"/> Highly Toxic <input type="checkbox"/> Other (list) <hr/>	Report Due _____
Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time	(For Lab Use Only)	
		<i>[Signature]</i>	3:30 PM 12/24	Receipt Temp:	Receipt pH
Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time	Temp Blank Y N	(Wet/Metals)
Custody Seal: Present/Absent Intact/Not Intact Seal #s					

F-268 16/041

WHITE-LABORATORY COPY

YELLOW—REPORT APPENDIX

PINK—SAMPLE/SUBMITTER



**30 Patewood Drive, Suite 100, Patewood Plaza One, Greenville, SC 29615-3535
Phone 864/281-0030 • Fax 864/281-0288**

CHAIN OF CUSTODY RECORD

76445

SPECIAL INSTRUCTIONS

854215051733

SAMPLER Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time	HAZARDS ASSOCIATED WITH SAMPLES <input type="checkbox"/> Flammable <input type="checkbox"/> Corrosive <input type="checkbox"/> Highly Toxic <input type="checkbox"/> Other (list) <hr/>	Turn Around (circle one)	Normal	Rush	
Kent Ashby	3-206 1500	Fed EX	3-206		Report Due _____	(For Lab Use Only)		
Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time		Receipt Temp: Temp Blank Y N	Receipt pH (Wet/Metals)		
Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time					
Custody Seal: Present/Absent Intact/Not Intact Seal #s _____								

Cooler Receipt Form

Client:RMT, Inc.

Client Code:RMTSC

LabProject #: P0603063

Project: Medley Farm

Cooler ID: X1

A. Preliminary Examination Phase:		Date cooler opened:	3/3/2006	
		Cooler opened by:	dp	
1. Was airbill Attached?	N/A	Airbill #:	Carrier Name: Client	
2. Custody Seals?	N/A	How many?	0	Location: Seal Name:
3. Seals intact?	N/A			
4. Screened for radiation?	N/A			
5. COC Attached?	N/A	Properly Completed?	Yes	Signed by employee? Yes
6. Project Identification from custody paper: Medley Farm				
7. Preservative:	Yes	Temperature:	4	

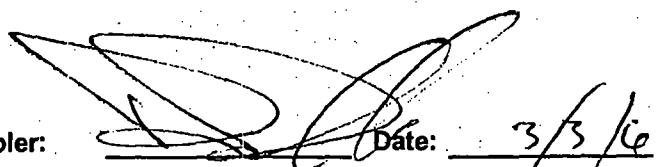
Comments:

B. Log-In Phase: Samples Log-in Date: 3/3/2006 Log-In By: dp

1. Packing Type:	Other		
2. Were samples in separate bags?	N/A		
3. Were containers intact?	Yes	Labels agree with COC?	Yes
4. Number of bottles received:	36	Number of samples received:	18
5. Correct containers used?	Yes	Correct preservatives added?	Yes
6. Sufficient sample volume?	Yes		
7. Bubbles in VOA samples?	N/A		
8. Was Project manager called and status discussed?	N/A		

Comments:

Have designate person initial here to acknowledge receipt of cooler:



Date: 3/3/16



FILE

1241 Bellevue Street, Suite 9
Green Bay, WI 54302
920-469-2436, Fax: 920-469-8827

Analytical Report Number: 878426

Client: RMT - GREENVILLE

Lab Contact: Tom Trainor

Project Name: MEDLEY FARMS

Project Number: 71243.40

Lab Sample Number	Field ID	Matrix	Collection Date
878426-001	MLW-3-3	GW	11/10/06 09:55
878426-002	MLW-3-4	GW	11/10/06 10:15
878426-003	SW-201	GW	11/10/06 11:50
878426-004	SW-3	GW	11/10/06 14:30

QC - WMS 12-1-06

- HI, temp, CO₂, method, dil, pres, CR ✓
- level 2 QC
- TBC? ✓

ASSUMED for VOCs = SW-3

- no flags -

I certify that the data contained in this Final Report has been generated and reviewed in accordance with approved methods and Laboratory Standard Operating Procedure. Exceptions, if any, are discussed in the accompanying sample comments. Release of this final report is authorized by Laboratory management, as is verified by the following signature. This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, Inc. The sample results relate only to the analytes of interest tested.

A handwritten signature of Tom Trainor in black ink.

Approval Signature

11-17-06

Date

Pace Analytical
Services, Inc.

Analytical Report Number: 878426

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE
Project Name : MEDLEY FARMS
Project Number : 71243.40
Field ID : MLW-3-3

Matrix Type : GROUNDWATER
Collection Date : 11/10/06
Report Date : 11/20/06
Lab Sample Number : 878426-001

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date	Prep Method	Anl Method
Manganese - Dissolved	1.9	B 5.0	1	ug/L		11/17/06	SW846 6010B	SW846 6010B

VOLATILES - SPECIAL LIST

Prep Date: 11/17/06

Analyte	Result	EQL	Dilution	Units	Code	Anl Date	Prep Method	Anl Method
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		11/17/06	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/L		11/17/06	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 1.0	1.0	1	ug/L		11/17/06	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 1.0	1.0	1	ug/L		11/17/06	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 1.0	1.0	1	ug/L		11/17/06	SW846 5030B	SW846 8260B
2-Butanone	< 5.0	5.0	1	ug/L		11/17/06	SW846 5030B	SW846 8260B
Acetone	< 5.0	5.0	1	ug/L		11/17/06	SW846 5030B	SW846 8260B
Benzene	< 1.0	1.0	1	ug/L		11/17/06	SW846 5030B	SW846 8260B
Chloroethane	< 1.0	1.0	1	ug/L		11/17/06	SW846 5030B	SW846 8260B
Chloroform	< 1.0	1.0	1	ug/L		11/17/06	SW846 5030B	SW846 8260B
Chloromethane	< 1.0	1.0	1	ug/L		11/17/06	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	2.7	1.0	1	ug/L		11/17/06	SW846 5030B	SW846 8260B
Methylene Chloride	< 1.0	1.0	1	ug/L		11/17/06	SW846 5030B	SW846 8260B
Tetrachloroethene	< 1.0	1.0	1	ug/L		11/17/06	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	< 1.0	1.0	1	ug/L		11/17/06	SW846 5030B	SW846 8260B
Trichloroethene	< 1.0	1.0	1	ug/L		11/17/06	SW846 5030B	SW846 8260B
Vinyl Chloride	< 1.0	1.0	1	ug/L		11/17/06	SW846 5030B	SW846 8260B
Surrogate		LCL	UCL					
4-Bromofluorobenzene	93	64	132	1	%		SW846 5030B	SW846 8260B
Toluene-d8	94	73	127	1	%		SW846 5030B	SW846 8260B
Dibromofluoromethane	101	68	122	1	%		SW846 5030B	SW846 8260B

Pace Analytical
Services, Inc.

Analytical Report Number: 878426

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE
Project Name : MEDLEY FARMS
Project Number : 71243.40
Field ID : MLW-3-4

Matrix Type : GROUNDWATER
Collection Date : 11/10/06
Report Date : 11/20/06
Lab Sample Number : 878426-002

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date	Prep Method	Anl Method
Manganese - Dissolved	6.3	5.0	1	ug/L		11/17/06	SW846 6010B	SW846 6010B

VOLATILES - SPECIAL LIST

Prep Date: 11/17/06

Analyte	Result	EQL	Dilution	Units	Code	Anl Date	Prep Method	Anl Method
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		11/17/06	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/L		11/17/06	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 1.0	1.0	1	ug/L		11/17/06	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 1.0	1.0	1	ug/L		11/17/06	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 1.0	1.0	1	ug/L		11/17/06	SW846 5030B	SW846 8260B
2-Butanone	< 5.0	5.0	1	ug/L		11/17/06	SW846 5030B	SW846 8260B
Acetone	< 5.0	5.0	1	ug/L		11/17/06	SW846 5030B	SW846 8260B
Benzene	< 1.0	1.0	1	ug/L		11/17/06	SW846 5030B	SW846 8260B
Chloroethane	< 1.0	1.0	1	ug/L		11/17/06	SW846 5030B	SW846 8260B
Chloroform	< 1.0	1.0	1	ug/L		11/17/06	SW846 5030B	SW846 8260B
Chloromethane	< 1.0	1.0	1	ug/L		11/17/06	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	0.86	J	1.0	1	ug/L	11/17/06	SW846 5030B	SW846 8260B
Methylene Chloride	< 1.0	1.0	1	ug/L		11/17/06	SW846 5030B	SW846 8260B
Tetrachloroethene	< 1.0	1.0	1	ug/L		11/17/06	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	< 1.0	1.0	1	ug/L		11/17/06	SW846 5030B	SW846 8260B
Trichloroethene	< 1.0	1.0	1	ug/L		11/17/06	SW846 5030B	SW846 8260B
Vinyl Chloride	< 1.0	1.0	1	ug/L		11/17/06	SW846 5030B	SW846 8260B
Surrogate		LCL	UCL					
4-Bromofluorobenzene	90	64	132	1	%		SW846 5030B	SW846 8260B
Toluene-d8	95	73	127	1	%		SW846 5030B	SW846 8260B
Dibromofluoromethane	102	68	122	1	%		SW846 5030B	SW846 8260B

Pace Analytical
Services, Inc.

Analytical Report Number: 878426

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE
Project Name : MEDLEY FARMS
Project Number : 71243.40
Field ID : SW-201

Matrix Type : GROUNDWATER
Collection Date : 11/10/06
Report Date : 11/20/06
Lab Sample Number : 878426-003

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date	Prep Method	Anl Method
Manganese - Dissolved	1.2	B 5.0	1	ug/L		11/17/06	SW846 6010B	SW846 6010B

VOLATILES - SPECIAL LIST

Analyte	Result	EQL	Dilution	Units	Code	Anl Date	Prep Method	Anl Method
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		11/17/06	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/L		11/17/06	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 1.0	1.0	1	ug/L		11/17/06	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 1.0	1.0	1	ug/L		11/17/06	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 1.0	1.0	1	ug/L		11/17/06	SW846 5030B	SW846 8260B
2-Butanone	< 5.0	5.0	1	ug/L		11/17/06	SW846 5030B	SW846 8260B
Acetone	< 5.0	5.0	1	ug/L		11/17/06	SW846 5030B	SW846 8260B
Benzene	< 1.0	1.0	1	ug/L		11/17/06	SW846 5030B	SW846 8260B
Chloroethane	< 1.0	1.0	1	ug/L		11/17/06	SW846 5030B	SW846 8260B
Chloroform	3.5	1.0	1	ug/L		11/17/06	SW846 5030B	SW846 8260B
Chloromethane	< 1.0	1.0	1	ug/L		11/17/06	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	< 1.0	1.0	1	ug/L		11/17/06	SW846 5030B	SW846 8260B
Methylene Chloride	< 1.0	1.0	1	ug/L		11/17/06	SW846 5030B	SW846 8260B
Tetrachloroethene	4.4	1.0	1	ug/L		11/17/06	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	< 1.0	1.0	1	ug/L		11/17/06	SW846 5030B	SW846 8260B
Trichloroethene	12	1.0	1	ug/L		11/17/06	SW846 5030B	SW846 8260B
Vinyl Chloride	< 1.0	1.0	1	ug/L		11/17/06	SW846 5030B	SW846 8260B
Surrogate		LCL	UCL					
4-Bromofluorobenzene	95	64	132	1 %		11/17/06	SW846 5030B	SW846 8260B
Toluene-d8	94	73	127	1 %		11/17/06	SW846 5030B	SW846 8260B
Dibromofluoromethane	102	68	122	1 %		11/17/06	SW846 5030B	SW846 8260B

Pace Analytical
Services, Inc.

Analytical Report Number: 878426

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE
Project Name : MEDLEY FARMS
Project Number : 71243.40
Field ID : SW-3

Matrix Type : GROUNDWATER
Collection Date : 11/10/06
Report Date : 11/20/06
Lab Sample Number : 878426-004

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date	Prep Method	Anl Method
Manganese - Dissolved	5600	5.0	1	ug/L		11/15/06	SW846 6010B	SW846 6010B

VOLATILES - SPECIAL LIST

Prep Date: 11/17/06

Analyte	Result	EQL	Dilution	Units	Code	Anl Date	Prep Method	Anl Method	
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		11/17/06	SW846 5030B	SW846 8260B	
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/L		11/17/06	SW846 5030B	SW846 8260B	
1,1-Dichloroethane	< 1.0	1.0	1	ug/L		11/17/06	SW846 5030B	SW846 8260B	
1,1-Dichloroethene	< 1.0	1.0	1	ug/L		11/17/06	SW846 5030B	SW846 8260B	
1,2-Dichloroethane	< 1.0	1.0	1	ug/L		11/17/06	SW846 5030B	SW846 8260B	
2-Butanone	< 5.0	5.0	1	ug/L		11/17/06	SW846 5030B	SW846 8260B	
Acetone	120	5.0	1	ug/L		11/17/06	SW846 5030B	SW846 8260B	
Benzene	< 1.0	1.0	1	ug/L		11/17/06	SW846 5030B	SW846 8260B	
Chloroethane	< 1.0	1.0	1	ug/L		11/17/06	SW846 5030B	SW846 8260B	
Chloroform	< 1.0	1.0	1	ug/L		11/17/06	SW846 5030B	SW846 8260B	
Chloromethane	< 1.0	1.0	1	ug/L		11/17/06	SW846 5030B	SW846 8260B	
cis-1,2-Dichloroethene	230	1.0	1	ug/L		11/17/06	SW846 5030B	SW846 8260B	
Methylene Chloride	< 1.0	1.0	1	ug/L		11/17/06	SW846 5030B	SW846 8260B	
Tetrachloroethene	2.6	1.0	1	ug/L		11/17/06	SW846 5030B	SW846 8260B	
trans-1,2-Dichloroethene	< 1.0	1.0	1	ug/L		11/17/06	SW846 5030B	SW846 8260B	
Trichloroethene	0.89	J	1.0	1	ug/L	11/17/06	SW846 5030B	SW846 8260B	
Vinyl Chloride	5.1	1.0	1	ug/L		11/17/06	SW846 5030B	SW846 8260B	
Surrogate		LCL	UCL						
4-Bromofluorobenzene	91	64	132	1	%		11/17/06	SW846 5030B	SW846 8260B
Toluene-d8	94	73	127	1	%		11/17/06	SW846 5030B	SW846 8260B
Dibromofluoromethane	100	68	122	1	%		11/17/06	SW846 5030B	SW846 8260B

Sample Condition Upon Receipt

Pace Analytical

Client Name: RMT

Project # 878426

DHL

Courier: FedEx UPS USPS Client Commercial Pace Other _____

Tracking #: _____

Custody Seal on Cooler/Box Present: yes no Seals intact: yes noPacking Material: Bubble Wrap Bubble Bags None Other _____

Thermometer Used JB

Type of Ice: Wet Blue None

 Samples on ice, cooling process has begun

Cooler Temperature 10

Biological Tissue Is Frozen: Yes No

Date and Initials of person examining contents: RBS 11-14-06
U 11/14/06

Temp should be above freezing to 6°C

Comments: _____

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5.
Short Hold Time Analysis (<72hr):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	6.
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	7.
Sufficient Volume:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	8.
Correct Containers Used:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	9.
-Pace Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	10.
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	11.
Sample Labels match CCC: -Includes date/time/ID/Analysis Matrix:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	12. MISSING TRIP BLANKS
All containers needing preservation have been checked:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Initial when completed
Samples checked for dechlorination:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Lot # of added preservative
Headspace in VOA Vials (>6mm):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
Trip Blank Present:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	14.
Trip Blank Custody Seals Present	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	15.
Pace Trip Blank Lot # (if purchased):		16.

Client Notification/ Resolution:

Field Data Required?

Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: _____

Date: 11-14-06

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. out of hold, incorrect preservative, out of temp, incorrect containers)

PROJECT WORK ORDER
Medley Farm - November 2006

Project: Medley Farm
 Project Number: 71243.40
 Sample Date: Nov. 6 - Nov. 17, 2006
 Turnaround Time: Standard
 Detection Limit: Federal DW MCL where applicable
 QC Package: Level 2
 RMT format EDD required.

Project Manager: Steve Webb
 Project Contact: Brian Grothaus
 Laboratory: Pace - Green Bay, WI
 1241 Bellevue St.
 Greenbay, WI 54302
 Ph: 1-800-7-ENCHEM Fax: 920-469-8827
 Contact: Tom Trainor

		Dissolved Nitrogen	Dissolved Manganese	FIELD pH, DO, ORP, Temp, Spec Cont.	WATER LEVELS
Bottle	A	B	C		Measure water levels on all wells.
Sample ID					
A-1					No MS/MSD
A-2					
A-3					*Special Volatiles List
B-2					Acetone
B-3					Benzene
BW-2					2-Butanone
DP-3-1					Chloroform
MLW-3-1					Chloroethane
MLW-3-2					Chloromethane
MLW-3-3					1,1-Dichloroethane
MLW-3-4					1,2-Dichloroethane
MW-3D					1,1-Dichloroethene
MW-2-1					cis-1,2-Dichloroethene
MW-2-2					trans-1,2-dichloroethene
MW-4-1					Methylene chloride
MW-4-2					Tetrachloroethene
SW-201					Trichloroethene
SW-202					1,1,1-Trichloroethane
SW-3					1,1,2-Trichloroethane
SW-4					Vinyl chloride

878426



CHAIN OF CUSTODY RECORD

76932

878426

30 Patewood Drive, Suite 100, Patewood Plaza One, Greenville, SC 29615-3535
Phone 864/281-0030 • Fax 864/281-0288

SPECIAL INSTRUCTIONS

54302					
SAMPLER Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time	HAZARDS ASSOCIATED WITH SAMPLES	
	11/13/04 9:00	DHL	11/13/04 1930	<input type="checkbox"/> Flammable	
Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time	<input type="checkbox"/> Corrosive	
DHL	11/14/04 10:30		11/14/04 10:30	<input type="checkbox"/> Highly Toxic	
Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time	<input type="checkbox"/> Other (list)	
				Turn Around (circle one) Normal Rush	
				Report Due _____	
(For Lab Use Only)					
				Receipt Temp: 11.0	Receipt pH
				Temp Blank <input checked="" type="radio"/> Y N	(Wet/Metals)
Custody Seal: Present/Absent Intact/Not Intact Seal #s					



1241 Bellevue Street, Suite 9
Green Bay, WI 54302
920-469-2436, Fax: 920-469-8827

File

Analytical Report Number: 878561

Client: RMT - GREENVILLE

Lab Contact: Tom Trainor

Project Name: MEDLEY FARMS

Project Number: 71243.40

Lab Sample Number	Field ID	Matrix	Collection Date
878561-001	MW-3D	WATER	11/14/06 10:25
878561-002	MW-4-2	WATER	11/14/06 11:40
878561-003	MW-4-1	WATER	11/14/06 13:30
878561-004	MW-2-2	WATER	11/14/06 14:20
878561-005	MW-2-1	WATER	11/15/06 10:00
878561-006	SW-4	WATER	11/15/06 11:15
878561-007	SW-202	WATER	11/15/06 13:05
878561-008	BW-2	WATER	11/15/06 14:00
878561-009	B-3	WATER	11/16/06 13:40
878561-010	TRIP BLANK	WATER	

QC 12-11-06

- HI, temp, CTC, methods, dd, C2L, quest ✓
- TBK ✓
- (and 2 QC) ✓

* Due to lack of quantitation all Na flagged k by the lab should be flagged "j" or estimated.

I certify that the data contained in this Final Report has been generated and reviewed in accordance with approved methods and Laboratory Standard Operating Procedure. Exceptions, if any, are discussed in the accompanying sample comments. Release of this final report is authorized by Laboratory management, as is verified by the following signature. This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, Inc. The sample results relate only to the analytes of interest tested.

Tom Trainor
Approval Signature

12-4-06
Date

Due to LCS low recovery, all Zabutamide should be flagged "j" as estimated
non detected

Pace Analytical
Services, Inc.

Analytical Report Number: 878561

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE
Project Name : MEDLEY FARMS
Project Number : 71243.40
Field ID : MW-3D

Matrix Type : WATER
Collection Date : 11/14/06
Report Date : 11/28/06
Lab Sample Number : 878561-001

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date	Prep Method	Anl Method
Manganese - Dissolved	2000	5.0	1	ug/L	K	11/21/06	SW846 6010B	SW846 6010B

VOLATILES - SPECIAL LIST

Prep Date: 11/21/06

Analyte	Result	EQL	Dilution	Units	Code	Anl Date	Prep Method	Anl Method
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		11/21/06	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/L		11/21/06	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 1.0	1.0	1	ug/L		11/21/06	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 1.0	1.0	1	ug/L		11/21/06	SW846 5030B	SW846 8260B
1,2-Dichloroethane	0.47	J	1.0	1	ug/L	11/21/06	SW846 5030B	SW846 8260B
2-Butanone	< 5.0	5.0	1	ug/L	&	11/21/06	SW846 5030B	SW846 8260B
Acetone	< 5.0	5.0	1	ug/L		11/21/06	SW846 5030B	SW846 8260B
Benzene	< 1.0	1.0	1	ug/L		11/21/06	SW846 5030B	SW846 8260B
Chloroethane	< 1.0	1.0	1	ug/L		11/21/06	SW846 5030B	SW846 8260B
Chloroform	< 1.0	1.0	1	ug/L		11/21/06	SW846 5030B	SW846 8260B
Chloromethane	< 1.0	1.0	1	ug/L		11/21/06	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	15	1.0	1	ug/L		11/21/06	SW846 5030B	SW846 8260B
Methylene Chloride	< 1.0	1.0	1	ug/L		11/21/06	SW846 5030B	SW846 8260B
Tetrachloroethene	< 1.0	1.0	1	ug/L		11/21/06	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	< 1.0	1.0	1	ug/L		11/21/06	SW846 5030B	SW846 8260B
Trichloroethene	< 1.0	1.0	1	ug/L		11/21/06	SW846 5030B	SW846 8260B
Vinyl Chloride	< 1.0	1.0	1	ug/L		11/21/06	SW846 5030B	SW846 8260B
Surrogate		LCL	UCL					
4-Bromofluorobenzene	96	64	132	1	%	11/21/06	SW846 5030B	SW846 8260B
Toluene-d8	104	73	127	1	%	11/21/06	SW846 5030B	SW846 8260B
Dibromofluoromethane	110	68	122	1	%	11/21/06	SW846 5030B	SW846 8260B

Pace Analytical
Services, Inc.

Analytical Report Number: 878561

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE
Project Name : MEDLEY FARMS
Project Number : 71243.40
Field ID : MW-4-2

Matrix Type : WATER
Collection Date : 11/14/06
Report Date : 11/28/06
Lab Sample Number : 878561-002

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date	Prep Method	Anl Method
Manganese - Dissolved	6200	5.0	1	ug/L	K	11/21/06	SW846 6010B	SW846 6010B

VOLATILES - SPECIAL LIST

Prep Date: 11/21/06

Analyte	Result	EQL	Dilution	Units	Code	Anl Date	Prep Method	Anl Method
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		11/21/06	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/L		11/21/06	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 1.0	1.0	1	ug/L		11/21/06	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 1.0	1.0	1	ug/L		11/21/06	SW846 5030B	SW846 8260B
1,2-Dichloroethane	1.0	1.0	1	ug/L		11/21/06	SW846 5030B	SW846 8260B
2-Butanone	< 5.0	5.0	1	ug/L	&	11/21/06	SW846 5030B	SW846 8260B
Acetone	7.9	5.0	1	ug/L		11/21/06	SW846 5030B	SW846 8260B
Benzene	< 1.0	1.0	1	ug/L		11/21/06	SW846 5030B	SW846 8260B
Chloroethane	< 1.0	1.0	1	ug/L		11/21/06	SW846 5030B	SW846 8260B
Chloroform	< 1.0	1.0	1	ug/L		11/21/06	SW846 5030B	SW846 8260B
Chloromethane	< 1.0	1.0	1	ug/L		11/21/06	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	5.6	1.0	1	ug/L		11/21/06	SW846 5030B	SW846 8260B
Methylene Chloride	< 1.0	1.0	1	ug/L		11/21/06	SW846 5030B	SW846 8260B
Tetrachloroethene	< 1.0	1.0	1	ug/L		11/21/06	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	< 1.0	1.0	1	ug/L		11/21/06	SW846 5030B	SW846 8260B
Trichloroethene	< 1.0	1.0	1	ug/L		11/21/06	SW846 5030B	SW846 8260B
Vinyl Chloride	1.5	1.0	1	ug/L		11/21/06	SW846 5030B	SW846 8260B
Surrogate		LCL	UCL					
4-Bromofluorobenzene	95	64	132	1 %		11/21/06	SW846 5030B	SW846 8260B
Toluene-d8	102	73	127	1 %		11/21/06	SW846 5030B	SW846 8260B
Dibromofluoromethane	112	68	122	1 %		11/21/06	SW846 5030B	SW846 8260B

Pace Analytical
Services, Inc.

Analytical Report Number: 878561

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE
Project Name : MEDLEY FARMS
Project Number : 71243.40
Field ID : MW-4-1

Matrix Type : WATER
Collection Date : 11/14/06
Report Date : 11/28/06
Lab Sample Number : 878561-003

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date	Prep Method	Anl Method
Manganese - Dissolved	53	5.0	1	ug/L	K	11/21/06	SW846 6010B	SW846 6010B

VOLATILES - SPECIAL LIST

Prep Date: 11/21/06

Analyte	Result	EQL	Dilution	Units	Code	Anl Date	Prep Method	Anl Method
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		11/21/06	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	0.43	J	1.0	1	ug/L	11/21/06	SW846 5030B	SW846 8260B
1,1-Dichloropethane	< 1.0	1.0	1	ug/L		11/21/06	SW846 5030B	SW846 8260B
1,1-Dichloroethene	0.81	J	1.0	1	ug/L	11/21/06	SW846 5030B	SW846 8260B
1,2-Dichloroethane	0.53	J	1.0	1	ug/L	11/21/06	SW846 5030B	SW846 8260B
2-Butanone	< 5.0	5.0	1	ug/L	&	11/21/06	SW846 5030B	SW846 8260B
Acetone	6.1	5.0	1	ug/L		11/21/06	SW846 5030B	SW846 8260B
Benzene	< 1.0	1.0	1	ug/L		11/21/06	SW846 5030B	SW846 8260B
Chloroethane	< 1.0	1.0	1	ug/L		11/21/06	SW846 5030B	SW846 8260B
Chloroform	2.1	1.0	1	ug/L		11/21/06	SW846 5030B	SW846 8260B
Chloromethane	< 1.0	1.0	1	ug/L		11/21/06	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	13	1.0	1	ug/L		11/21/06	SW846 5030B	SW846 8260B
Methylene Chloride	< 1.0	1.0	1	ug/L		11/21/06	SW846 5030B	SW846 8260B
Tetrachloroethene	7.2	1.0	1	ug/L		11/21/06	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	< 1.0	1.0	1	ug/L		11/21/06	SW846 5030B	SW846 8260B
Trichloroethene	13	1.0	1	ug/L		11/21/06	SW846 5030B	SW846 8260B
Vinyl Chloride	< 1.0	1.0	1	ug/L		11/21/06	SW846 5030B	SW846 8260B
Surrogate		LCL		UCL				
4-Bromofluorobenzene	95	64	132	1 %		11/21/06	SW846 5030B	SW846 8260B
Toluene-d8	103	73	127	1 %		11/21/06	SW846 5030B	SW846 8260B
Dibromofluoromethane	109	68	122	1 %		11/21/06	SW846 5030B	SW846 8260B

Pace Analytical
Services, Inc.

Analytical Report Number: 878561

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE
Project Name : MEDLEY FARMS
Project Number : 71243.40
Field ID : MW-2-2

Matrix Type : WATER
Collection Date : 11/14/06
Report Date : 11/28/06
Lab Sample Number : 878561-004

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date	Prep Method	Anl Method
Manganese - Dissolved	3800	5.0	1	ug/L	K	11/21/06	SW846 6010B	SW846 6010B

VOLATILES - SPECIAL LIST

Prep Date: 11/21/06

Analyte	Result	EQL	Dilution	Units	Code	Anl Date	Prep Method	Anl Method	
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		11/21/06	SW846 5030B	SW846 8260B	
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/L		11/21/06	SW846 5030B	SW846 8260B	
1,1-Dichloroethane	< 1.0	1.0	1	ug/L		11/21/06	SW846 5030B	SW846 8260B	
1,1-Dichloroethene	1.3	1.0	1	ug/L		11/21/06	SW846 5030B	SW846 8260B	
1,2-Dichloroethane	0.95	J	1.0	1	ug/L		SW846 5030B	SW846 8260B	
2-Butanone	< 5.0	5.0	1	ug/L	&	11/21/06	SW846 5030B	SW846 8260B	
Acetone	6.5	5.0	1	ug/L		11/21/06	SW846 5030B	SW846 8260B	
Benzene	< 1.0	1.0	1	ug/L		11/21/06	SW846 5030B	SW846 8260B	
Chloroethane	< 1.0	1.0	1	ug/L		11/21/06	SW846 5030B	SW846 8260B	
Chloroform	2.9	1.0	1	ug/L		11/21/06	SW846 5030B	SW846 8260B	
Chloromethane	< 1.0	1.0	1	ug/L		11/21/06	SW846 5030B	SW846 8260B	
cis-1,2-Dichloroethene	14	1.0	1	ug/L		11/21/06	SW846 5030B	SW846 8260B	
Methylene Chloride	< 1.0	1.0	1	ug/L		11/21/06	SW846 5030B	SW846 8260B	
Tetrachloroethene	9.6	1.0	1	ug/L		11/21/06	SW846 5030B	SW846 8260B	
trans-1,2-Dichloroethene	< 1.0	1.0	1	ug/L		11/21/06	SW846 5030B	SW846 8260B	
Trichloroethene	22	1.0	1	ug/L		11/21/06	SW846 5030B	SW846 8260B	
Vinyl Chloride	2.1	1.0	1	ug/L		11/21/06	SW846 5030B	SW846 8260B	
Surrogate		LCL	UCL						
4-Bromofluorobenzene	95	64	132	1	%		11/21/06	SW846 5030B	SW846 8260B
Toluene-d8	102	73	127	1	%		11/21/06	SW846 5030B	SW846 8260B
Dibromofluoromethane	109	68	122	1	%		11/21/06	SW846 5030B	SW846 8260B

Pace Analytical
Services, Inc.

Analytical Report Number: 878561

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE
Project Name : MEDLEY FARMS
Project Number : 71243.40
Field ID : MW-2-1

Matrix Type : WATER
Collection Date : 11/15/06
Report Date : 11/28/06
Lab Sample Number : 878561-005

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date	Prep Method	Anl Method
Manganese - Dissolved	30	5.0	1	ug/L		11/21/06	SW846 6010B	SW846 6010B

VOLATILES - SPECIAL LIST

Prep Date: 11/21/06

Analyte	Result	EQL	Dilution	Units	Code	Anl Date	Prep Method	Anl Method
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		11/21/06	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/L		11/21/06	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 1.0	1.0	1	ug/L		11/21/06	SW846 5030B	SW846 8260B
1,1-Dichloroethene	5.8	1.0	1	ug/L		11/21/06	SW846 5030B	SW846 8260B
1,2-Dichloroethane	1.5	1.0	1	ug/L		11/21/06	SW846 5030B	SW846 8260B
2-Butanone	< 5.0	5.0	1	ug/L	&	11/21/06	SW846 5030B	SW846 8260B
Acetone	2.5	J 5.0	1	ug/L		11/21/06	SW846 5030B	SW846 8260B
Benzene	< 1.0	1.0	1	ug/L		11/21/06	SW846 5030B	SW846 8260B
Chloroethane	< 1.0	1.0	1	ug/L		11/21/06	SW846 5030B	SW846 8260B
Chloroform	1.9	1.0	1	ug/L		11/21/06	SW846 5030B	SW846 8260B
Chloromethane	< 1.0	1.0	1	ug/L		11/21/06	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	22	1.0	1	ug/L		11/21/06	SW846 5030B	SW846 8260B
Methylene Chloride	< 1.0	1.0	1	ug/L		11/21/06	SW846 5030B	SW846 8260B
Tetrachloroethene	3.2	1.0	1	ug/L		11/21/06	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	< 1.0	1.0	1	ug/L		11/21/06	SW846 5030B	SW846 8260B
Trichloroethene	5.3	1.0	1	ug/L		11/21/06	SW846 5030B	SW846 8260B
Vinyl Chloride	< 1.0	1.0	1	ug/L		11/21/06	SW846 5030B	SW846 8260B
Surrogate		LCL	UCL					
4-Bromofluorobenzene	96	64	132	1 %		11/21/06	SW846 5030B	SW846 8260B
Toluene-d8	103	73	127	1 %		11/21/06	SW846 5030B	SW846 8260B
Dibromofluoromethane	112	68	122	1 %		11/21/06	SW846 5030B	SW846 8260B

Pace Analytical
Services, Inc.

Analytical Report Number: 878561

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE
Project Name : MEDLEY FARMS
Project Number : 71243.40
Field ID : SW-4

Matrix Type : WATER
Collection Date : 11/15/06
Report Date : 11/28/06
Lat: Sample Number : 878561-006

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date	Prep Method	Anl Method
Manganese - Dissolved	9.1	5.0	1	ug/L		11/21/06	SW846 6010B	SW846 6010B

VOLATILES - SPECIAL LIST

Prep Date: 11/21/06

Analyte	Result	EQL	Dilution	Units	Code	Anl Date	Prep Method	Anl Method
1,1,1-Trichloroethane	8.9	1.0	1	ug/L		11/21/06	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	1.1	1.0	1	ug/L		11/21/06	SW846 5030B	SW846 8260B
1,1-Dichloroethane	0.78	J	1.0	1	ug/L		SW846 5030B	SW846 8260B
1,1-Dichloroethene	17	1.0	1	ug/L		11/21/06	SW846 5030B	SW846 8260B
1,2-Dichloroethane	0.43	J	1.0	1	ug/L		SW846 5030B	SW846 8260B
2-Butanone	< 5.0	5.0	1	ug/L	&	11/21/06	SW846 5030B	SW846 8260B
Acetone	< 5.0	5.0	1	ug/L		11/21/06	SW846 5030B	SW846 8260B
Benzene	< 1.0	1.0	1	ug/L		11/21/06	SW846 5030B	SW846 8260B
Chloroethane	< 1.0	1.0	1	ug/L		11/21/06	SW846 5030B	SW846 8260B
Chloroform	11	1.0	1	ug/L		11/21/06	SW846 5030B	SW846 8260B
Chloromethane	< 1.0	1.0	1	ug/L		11/21/06	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	< 1.0	1.0	1	ug/L		11/21/06	SW846 5030B	SW846 8260B
Methylene Chloride	< 1.0	1.0	1	ug/L		11/21/06	SW846 5030B	SW846 8260B
Tetrachloroethene	2.9	1.0	1	ug/L		11/21/06	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	< 1.0	1.0	1	ug/L		11/21/06	SW846 5030B	SW846 8260B
Trichloroethene	36	1.0	1	ug/L		11/21/06	SW846 5030B	SW846 8260B
Vinyl Chloride	< 1.0	1.0	1	ug/L		11/21/06	SW846 5030B	SW846 8260B
Surrogate		LCL	UCL					
4-Bromofluorobenzene	96	64	132	1	%		SW846 5030B	SW846 8260B
Toluene-d8	104	73	127	1	%		SW846 5030B	SW846 8260B
Dibromofluoromethane	111	68	122	1	%		SW846 5030B	SW846 8260B

Pace Analytical
Services, Inc.

Analytical Report Number: 878561

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE
Project Name : MEDLEY FARMS
Project Number : 71243.40
Field ID : SW-202

Matrix Type : WATER
Collection Date : 11/15/06
Report Date : 11/28/06
Lab Sample Number : 878561-007

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date	Prep Method	Anl Method
Manganese - Dissolved	19	5.0	1	ug/L		11/21/06	SW846 6010B	SW846 6010B

VOLATILES - SPECIAL LIST

Prep Date: 11/21/06

Analyte	Result	EQL	Dilution	Units	Code	Anl Date	Prep Method	Anl Method	
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		11/21/06	SW846 5030B	SW846 8260B	
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/L		11/21/06	SW846 5030B	SW846 8260B	
1,1-Dichloroethane	< 1.0	1.0	1	ug/L		11/21/06	SW846 5030B	SW846 8260B	
1,1-Dichloroethene	< 1.0	1.0	1	ug/L		11/21/06	SW846 5030B	SW846 8260B	
1,2-Dichloroethane	< 1.0	1.0	1	ug/L		11/21/06	SW846 5030B	SW846 8260B	
2-Butanone	< 5.0	5.0	1	ug/L	&	11/21/06	SW846 5030B	SW846 8260B	
Acetone	< 5.0	5.0	1	ug/L		11/21/06	SW846 5030B	SW846 8260B	
Benzene	< 1.0	1.0	1	ug/L		11/21/06	SW846 5030B	SW846 8260B	
Chloroethane	< 1.0	1.0	1	ug/L		11/21/06	SW846 5030B	SW846 8260B	
Chloroform	< 1.0	1.0	1	ug/L		11/21/06	SW846 5030B	SW846 8260B	
Chloromethane	< 1.0	1.0	1	ug/L		11/21/06	SW846 5030B	SW846 8260B	
cis-1,2-Dichloroethene	< 1.0	1.0	1	ug/L		11/21/06	SW846 5030B	SW846 8260B	
Methylene Chloride	< 1.0	1.0	1	ug/L		11/21/06	SW846 5030B	SW846 8260B	
Tetrachloroethene	0.96	J	1.0	1	ug/L		SW846 5030B	SW846 8260B	
trans-1,2-Dichloroethene	< 1.0	1.0	1	ug/L		11/21/06	SW846 5030B	SW846 8260B	
Trichloroethene	< 1.0	1.0	1	ug/L		11/21/06	SW846 5030B	SW846 8260B	
Vinyl Chloride	< 1.0	1.0	1	ug/L		11/21/06	SW846 5030B	SW846 8260B	
Surrogate		LCL	UCL						
4-Bromofluorobenzene	96	64	132	1	%		11/21/06	SW846 5030B	SW846 8260B
Toluene-d8	102	73	127	1	%		11/21/06	SW846 5030B	SW846 8260B
Dibromofluoromethane	111	68	122	1	%		11/21/06	SW846 5030B	SW846 8260B

Pace Analytical
Services, Inc.

Analytical Report Number: 878561

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE
Project Name : MEDLEY FARMS
Project Number : 71243.40
Field ID : BW-2

Matrix Type : WATER
Collection Date : 11/15/06
Report Date : 11/28/06
Lab Sample Number : 878561-008

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date	Prep Method	Anl Method
Manganese - Dissolved	1.1	B	5.0	1	ug/L	11/21/06	SW846 6010B	SW846 6010B

VOLATILES - SPECIAL LIST

Analyte	Result	EQL	Dilution	Units	Code	Anl Date	Prep Method	Anl Method
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/l.	11/21/06	SW846 5030B	SW846 8260B	
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/l.	11/21/06	SW846 5030B	SW846 8260B	
1,1-Dichloroethane	< 1.0	1.0	1	ug/l.	11/21/06	SW846 5030B	SW846 8260B	
1,1-Dichloroethene	1.2	1.0	1	ug/l.	11/21/06	SW846 5030B	SW846 8260B	
1,2-Dichloroethane	0.41	J	1.0	1	ug/l.	11/21/06	SW846 5030B	SW846 8260B
2-Butanone	< 5.0	5.0	1	ug/l.	&	11/21/06	SW846 5030B	SW846 8260B
Acetone	< 5.0	5.0	1	ug/l.		11/21/06	SW846 5030B	SW846 8260B
Benzene	< 1.0	1.0	1	ug/l.		11/21/06	SW846 5030B	SW846 8260B
Chloroethane	< 1.0	1.0	1	ug/l.		11/21/06	SW846 5030B	SW846 8260B
Chloroform	2.0	1.0	1	ug/l.		11/21/06	SW846 5030B	SW846 8260B
Chloromethane	< 1.0	1.0	1	ug/l.		11/21/06	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	2.1	1.0	1	ug/l.		11/21/06	SW846 5030B	SW846 8260B
Methylene Chloride	< 1.0	1.0	1	ug/l.		11/21/06	SW846 5030B	SW846 8260B
Tetrachloroethene	14	1.0	1	ug/l.		11/21/06	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	< 1.0	1.0	1	ug/l.		11/21/06	SW846 5030B	SW846 8260B
Trichloroethene	28	1.0	1	ug/l.		11/21/06	SW846 5030B	SW846 8260B
Vinyl Chloride	< 1.0	1.0	1	ug/l.		11/21/06	SW846 5030B	SW846 8260B
Surrogate		LCL	UCL					
4-Bromofluorobenzene	96	64	132	1	%	11/21/06	SW846 5030B	SW846 8260B
Toluene-d8	105	73	127	1	%	11/21/06	SW846 5030B	SW846 8260B
Dibromofluoromethane	111	68	122	1	%	11/21/06	SW846 5030B	SW846 8260B

Pace Analytical
Services, Inc.

Analytical Report Number: 878561

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE
Project Name : MEDLEY FARMS
Project Number : 71243.40
Field ID : B-3

Matrix Type : WATER
Collection Date : 11/16/06
Report Date : 11/28/06
Lab Sample Number : 878561-009

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date	Prep Method	Anl Method
Manganese - Dissolved	3500	5.0	1	ug/L	K	11/21/06	SW846 6010B	SW846 6010B

VOLATILES - SPECIAL LIST

Prep Date: 11/21/06

Analyte	Result	EQL	Dilution	Units	Code	Anl Date	Prep Method	Anl Method
1,1,1-Trichloroethane	1.9	1.0	1	ug/L		11/21/06	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	9.4	1.0	1	ug/L		11/21/06	SW846 5030B	SW846 8260B
1,1-Dichloroethane	3.4	1.0	1	ug/L		11/21/06	SW846 5030B	SW846 8260B
1,1-Dichloroethene	5.3	1.0	1	ug/L		11/21/06	SW846 5030B	SW846 8260B
1,2-Dichloroethane	200	1.0	1	ug/L		11/21/06	SW846 5030B	SW846 8260B
2-Butanone	< 5.0	5.0	1	ug/L	&	11/21/06	SW846 5030B	SW846 8260B
Acetone	< 5.0	5.0	1	ug/L		11/21/06	SW846 5030B	SW846 8260B
Benzene	< 1.0	1.0	1	ug/L		11/21/06	SW846 5030B	SW846 8260B
Chloroethane	1.4	1.0	1	ug/L		11/21/06	SW846 5030B	SW846 8260B
Chloroform	0.45	J	1.0	1		11/21/06	SW846 5030B	SW846 8260B
Chloromethane	< 1.0	1.0	1	ug/L		11/21/06	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	78	1.0	1	ug/L		11/21/06	SW846 5030B	SW846 8260B
Methylene Chloride	< 1.0	1.0	1	ug/L		11/21/06	SW846 5030B	SW846 8260B
Tetrachloroethene	7.3	1.0	1	ug/L		11/21/06	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	7.7	1.0	1	ug/L		11/21/06	SW846 5030B	SW846 8260B
Trichloroethene	61	1.0	1	ug/L		11/21/06	SW846 5030B	SW846 8260B
Vinyl Chloride	61	1.0	1	ug/L		11/21/06	SW846 5030B	SW846 8260B
Surrogate		LCL	UCL					
4-Bromofluorobenzene	96	64	132	1	%	11/21/06	SW846 5030B	SW846 8260B
Toluene-d8	103	73	127	1	%	11/21/06	SW846 5030B	SW846 8260B
Dibromofluoromethane	110	68	122	1	%	11/21/06	SW846 5030B	SW846 8260B

Pace Analytical
Services, Inc.

Analytical Report Number: 878561

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE
Project Name : MEDLEY FARMS
Project Number : 71243.40
Field ID : TRIP BLANK

Matrix Type : WATER
Collection Date :
Report Date : 11/28/06
Lab Sample Number : 878561-010

VOLATILES - SPECIAL LIST

Prep Date: 11/21/06

Analyte	Result	EQL	Dilution	Units	Code	Anl Date	Prep Method	Anl Method
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		11/21/06	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/L		11/21/06	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 1.0	1.0	1	ug/L		11/21/06	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 1.0	1.0	1	ug/L		11/21/06	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 1.0	1.0	1	ug/L		11/21/06	SW846 5030B	SW846 8260B
2-Butanone	< 5.0	5.0	1	ug/L	&	11/21/06	SW846 5030B	SW846 8260B
Acetone	< 5.0	5.0	1	ug/L		11/21/06	SW846 5030B	SW846 8260B
Benzene	< 1.0	1.0	1	ug/L		11/21/06	SW846 5030B	SW846 8260B
Chloroethane	< 1.0	1.0	1	ug/L		11/21/06	SW846 5030B	SW846 8260B
Chloroform	< 1.0	1.0	1	ug/L		11/21/06	SW846 5030B	SW846 8260B
Chloromethane	< 1.0	1.0	1	ug/L		11/21/06	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	< 1.0	1.0	1	ug/L		11/21/06	SW846 5030B	SW846 8260B
Methylene Chloride	< 1.0	1.0	1	ug/L		11/21/06	SW846 5030B	SW846 8260B
Tetrachloroethene	< 1.0	1.0	1	ug/L		11/21/06	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	< 1.0	1.0	1	ug/L		11/21/06	SW846 5030B	SW846 8260B
Trichloroethene	< 1.0	1.0	1	ug/L		11/21/06	SW846 5030B	SW846 8260B
Vinyl Chloride	< 1.0	1.0	1	ug/L		11/21/06	SW846 5030B	SW846 8260B
Surrogate		LCL	UCL					
4-Bromofluorobenzene	96	64	132	1	%		SW846 5030B	SW846 8260B
Toluene-d8	103	73	127	1	%		SW846 5030B	SW846 8260B
Dibromofluoromethane	109	68	122	1	%		SW846 5030B	SW846 8260B

**Pace Analytical
Services, Inc.**

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

Lab Number	TestGroupID	Field ID	Comment
878561-	M-MN-D	All Samples	K - Sample was received unpreserved. Sample was either preserved at the time of receipt or at the time of sample preparation.

Qualifier Codes

Flag	Applies To	Explanation
A	Inorganic	Analyte is detected in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
B	Inorganic	The analyte has been detected between the method detection limit and the reporting limit.
B	Organic	Analyte is present in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
C	All	Elevated detection limit.
D	All	Analyte value from diluted analysis or surrogate result not applicable due to sample dilution.
E	Inorganic	Estimated concentration due to matrix interferences. During the metals analysis the serial dilution failed to meet the established control limits of 0-10%. The sample concentration is greater than 50 times the IDL for analysis done on the ICP or 100 times the IDL for analysis done on the ICP-MS. The result was flagged with the E qualifier to indicate that a physical interference was observed.
E	Organic	Analyte concentration exceeds calibration range.
F	Inorganic	Due to potential interferences for this analysis by Inductively Coupled Plasma techniques (SW-846 Method 6010), this analyte has been confirmed by and reported from an alternate method.
F	Organic	Surrogate results outside control criteria.
G	All	The result is estimated because the concentration is less than the lowest calibration standard concentration utilized in the initial calibration. The method detection limit is less than the reporting limit specified for this project.
H	All	Preservation, extraction or analysis performed past holding time.
HF	Inorganic	This test is considered a field parameter, and the recommended holding time is 15 minutes from collection. The analysis was performed in the laboratory beyond the recommended holding time.
J	All	Concentration detected equal to or greater than the method detection limit but less than the reporting limit.
K	Inorganic	Sample received unpreserved. Sample was either preserved at the time of receipt or at the time of sample preparation.
K	Organic	Detection limit may be elevated due to the presence of an unrequested analyte.
L	All	Elevated detection limit due to low sample volume.
M	Organic	Sample pH was greater than 2
N	All	Spiked sample recovery not within control limits.
O	Organic	Sample received overweight.
P	Organic	The relative percent difference between the two columns for detected concentrations was greater than 40%.
Q	All	The analyte has been detected between the limit of detection (LOD) and limit of quantitation (LOQ). The results are qualified due to the uncertainty of analyte concentrations within this range.
S	Organic	The relative percent difference between quantitation and confirmation columns exceeds internal quality control criteria. Because the result is unconfirmed, it has been reported as a non-detect with an elevated detection limit.
U	All	The analyte was not detected at or above the reporting limit.
V	All	Sample received with headspace.
W	All	A second aliquot of sample was analyzed from a container with headspace.
X	All	See Sample Narrative.
Z	Organics	This compound was separated in the check standard but it did not meet the resolution criteria as set forth in SW846.
&	All	Laboratory Control Spike recovery not within control limits.
*	All	Precision not within control limits.
+	Inorganic	The sample result is greater than four times the spike level; therefore, the percent recovery is not evaluated.
<	All	The analyte was not detected at or above the reporting limit.
1	Inorganic	Dissolved analyte or filtered analyte greater than total analyte; analyses passed QC based on precision criteria.
2	Inorganic	Dissolved analyte or filtered analyte greater than total analyte; analyses failed QC based on precision criteria.
3	Inorganic	BOD result is estimated due to the BOD blank exceeding the allowable oxygen depletion.
4	Inorganic	BOD duplicate precision not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
5	Inorganic	BOD result is estimated due to insufficient oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
6	Inorganic	BOD laboratory control sample not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
7	Inorganic	BOD result is estimated due to complete oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.

Sample Condition Upon Receipt

*Pace Analytical*Client Name: RMTProject # 878561Courier: FedEx UPS USPS Client Commercial Pace Other _____

Tracking #: _____

Custody Seal on Cooler/Box Present: yes no Seals intact: yes noPacking Material: Bubble Wrap Bubble Bags None Other _____Thermometer Used: JBType of Ice: Wet Blue None Samples on ice, cooling process has begun

Cooler Temperature _____

Biological Tissue Is Frozen: Yes No

Temp should be above freezing to 6°C

Comments: _____

Date and Initials of person examining
contents: 11-17-06 KW
V RMS 11-17-06

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5.
Short Hold Time Analysis (<72hr):	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	6.
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	7.
Sufficient Volume:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	8.
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.
-Pace Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	10.
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	11.
Sample Labels match COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	12.
-Includes date/time/ID/Analysis Matrix	<u>WT</u>	
All containers needing preservation have been checked.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	13. All pH was adjusted Sample 1-4 + 9 were adjusted for pH <u>A10046</u>
All containers needing preservation are found to be in compliance with EPA recommendation.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	<input type="checkbox"/> Yes <input type="checkbox"/> No	Initial when completed <u>KL</u> Lot # of added preservative <u>A10046</u>
Samples checked for dechlorination:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	14.
Headspace in VOA Vials (>6mm):	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	15.
Trip Blank Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	16.
Trip Blank Custody Seals Present	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased):		

Client Notification/ Resolution:

Field Data Required?

Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

_____Project Manager Review: TJDate: 11-17-06

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. out of hold, incorrect preservative, out of temp, incorrect containers)

PROJECT WORK ORDER
Medley Farm - November 2006

Project: Medley Farm
 Project Number: 71243.40
 Sample Date: Nov. 6 - Nov. 17, 2006
 Turnaround Time: Standard
 Detection Limit: Federal DW MCL where applicable
 QC Package: Level 2
 RMT format EDD required.

Project Manager: Steve Webb
 Project Contact: Brian Grothaus
 Laboratory: Pace - Green Bay, WI
 1241 Bellevue St.
 Greenbay, WI 54302
 Ph: 1-800-7-ENCHEM Fax: 920-469-8827
 Contact: Tom Trainor

				METHOD	
				SPC	Comments
	Bottle	A	B	C	
	Medley Farm			6010B	
	Sample ID				Measure water levels on all wells.
A-1					No MS/MSD
A-2					
A-3					*Special Volatiles List
B-2					Acetone
B-3					Benzene
BW-2					2-Butanone
DP-3-1					Chloroform
MLW-3-1					Chloroethane
MLW-3-2					Chloromethane
MLW-3-3					1,1-Dichloroethane
MLW-3-4					1,2-Dichloroethane
MW-3D					1,1-Dichloroethene
MW-2-1					cis-1,2-Dichloroethene
MW-2-2					trans-1,2-dichloroethene
MW-4-1					Methylene chloride
MW-4-2					Tetrachloroethene
SW-201					Trichloroethene
SW-202					1,1,1-Trichloroethane
SW-3					1,1,2-Trichloroethane
SW-4					Vinyl chloride



CHAIN OF CUSTODY RECORD

30 Patewood Drive, Suite 100, Patewood Plaza One, Greenville, SC 29615-3535
Phone 864/281-0030 • Fax 864/281-0288

GBWF SN

waybill # 72987999791
GIBWF SIV
6935

Project No. 71243-40 Project/Client: Melley Farms -						Total Number of Containers	MATRIX	Filtered (Yes/No)	N	N	
Project Manager/Contact Person: S. WEBB / B. GROUTHOUSE								Preserved (Code)	E	B	
Lab No.	Yr.	DG	Date	Time	Sample Station ID			Analyses Requested VOC's	Disolved Manufacture		
001	11/14	1025			MW-3D	4		3 1			
002	S	1140			MW 4-2	1		1			
003	S	1330			MW 4-1			1			
004	11/14	1420			MW2-2			1			
005	11/15	1000			MW 2-1			1			
006	S	1115			SW-4			1			
007	S	1305			SW202			1			
008	11/15	1400			BW-2			1			
009	11/16	1340			B-3	4		3 1			
010					TALK 060402	3					

Comments: 878561
G-
1-250 mL 3-4oz vial

PRESERVED CODES
A - NONE
B - HNO₃
C - H₂SO₄
D - NaOH
E - HCl
F - METHANOL
G -

SPECIAL INSTRUCTIONS

SAMPLER Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time	HAZARDS ASSOCIATED WITH SAMPLES <input type="checkbox"/> Flammable <input type="checkbox"/> Corrosive <input type="checkbox"/> Highly Toxic <input type="checkbox"/> Other (list) _____	Turn Around (circle one)	Normal	Rush	
<i>Lamp Jelks</i>	11/16/06 1800	DHL	11/16/06 1830		Report Due _____	(For Lab Use Only)		
Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time		Receipt Temp: Temp Blank Y N	Receipt pH (Wet/Metals)		
DHL	11/16/06 9:45	K Schmid	11/17/06 0945	_____	_____		_____	
Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time	_____	_____			
Custody Seal: Present/Absent Intact/Not Intact Seal #s								

Pace Analytical®

1241 Bellevue Street, Suite 9
Green Bay, WI 54302
920-469-2436, Fax: 920-469-8827

file

Analytical Report Number: 878767

Client: RMT - GREENVILLE

Lab Contact: Tom Trainor

Project Name: MEDLEY FARMS

Project Number: 71243.40

Lab Sample Number	Field ID	Matrix	Collection Date
878767-001	B-2	WATER	11/17/06 12:50
878767-002	A-3	WATER	11/17/06 14:30
878767-003	A-1	WATER	11/20/06 10:00
878767-004	A-2	WATER	11/20/06 12:45
878767-005	DP-3-1	WATER	11/20/06 14:50
878767-006	DP-2-1	WATER	11/21/06 10:15
878767-007	MLW-3-2	WATER	11/21/06 11:00
878767-008	MW-3-1	WATER	11/21/06 11:30
878767-009	RBLK-06401	WATER	11/20/06 10:10
878767-010	FBLK-06401	WATER	11/20/06 11:57
878767-011	DU-06401	WATER	
878767-012	TBLK-06403	WATER	

QO - 12/2/06

- HT, temp, methods, dil, CDC, CRL, quest ✓
- FB4L, RBLK ✓
- Level 2 QC ✓

* Due to lack of preservation all Mn flagged 'k' by the lab should be flagged 'j' as estimated.

DU06401 = DP-3-1 - RPD ✓

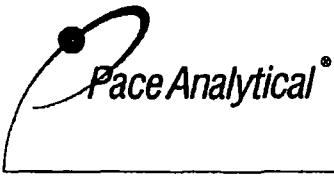
I certify that the data contained in this Final Report has been generated and reviewed in accordance with approved methods and Laboratory Standard Operating Procedure. Exceptions, if any, are discussed in the accompanying sample comments. Release of this final report is authorized by Laboratory management, as is verified by the following signature. This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, Inc. The sample results relate only to the analytes of interest tested.

Tom Trainor

Date

12-4-06

Due to LCS low recovery, all 2-butanone should be flagged "j" as estimates non-detected.



1241 Bellevue Street, Suite 9
Green Bay, WI 54302
920-469-2436, Fax: 920-469-8827

Analytical Report Number: 878767

Client: RMT - GREENVILLE

Lab Contact: Tom Trainor

Project Name: MEDLEY FARMS

Project Number: 71243.40

Lab Sample Number	Field ID	Matrix	Collection Date
878767-001	B-2	WATER	11/17/06 12:50
878767-002	A-3	WATER	11/17/06 14:30
878767-003	A-1	WATER	11/20/06 10:00
878767-004	A-2	WATER	11/20/06 12:45
878767-005	DP-3-1	WATER	11/20/06 14:50
878767-006	DP-2-1	WATER	11/21/06 10:15
878767-007	MLW-3-2	WATER	11/21/06 11:00
878767-008	MLW-3-1	WATER	11/21/06 11:30
878767-009	RBLK-06401	WATER	11/20/06 10:10
878767-010	FBLK-06401	WATER	11/20/06 11:57
878767-011	DU-06401	WATER	
878767-012	TBLK-06403	WATER	

REVISED

I certify that the data contained in this Final Report has been generated and reviewed in accordance with approved methods and Laboratory Standard Operating Procedure. Exceptions, if any, are discussed in the accompanying sample comments. Release of this final report is authorized by Laboratory management, as is verified by the following signature. This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, Inc. The sample results relate only to the analytes of interest tested.

Tom Trainor

Approval Signature

1-9-07

Date

Pace Analytical
Services, Inc.

Analytical Report Number: 878767

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE
Project Name : MEDLEY FARMS
Project Number : 71243.40
Field ID : B-2

Matrix Type : WATER
Collection Date : 11/17/06
Report Date : 12/01/06
Lab Sample Number : 878767-001

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date	Prep Method	Anl Method
Manganese - Dissolved	1100	5.0	1	ug/L		11/30/06	SW846 6010B	SW846 6010B

VOLATILES - SPECIAL LIST

Analyte	Result	EQL	Dilution	Units	Code	Anl Date	Prep Method	Anl Method	
1,1,1-Trichloroethane	1.1	1.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B	
1,1,2-Trichloroethane	2.6	1.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B	
1,1-Dichloroethane	1.3	1.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B	
1,1-Dichloroethene	15	1.0	1	ug/L	&	11/29/06	SW846 5030B	SW846 8260B	
1,2-Dichloroethane	1.7	1.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B	
2-Butanone	< 5.0	5.0	1	ug/L	&	11/29/06	SW846 5030B	SW846 8260B	
Acetone	< 5.0	5.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B	
Benzene	< 1.0	1.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B	
Chloroethane	< 1.0	1.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B	
Chloroform	2.2	1.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B	
Chloromethane	< 1.0	1.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B	
cis-1,2-Dichloroethene	34	1.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B	
Methylene Chloride	< 1.0	1.0	1	ug/L	&	11/29/06	SW846 5030B	SW846 8260B	
Tetrachloroethene	21	1.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B	
trans-1,2-Dichloroethene	1.9	1.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B	
Trichloroethene	120	1.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B	
Vinyl Chloride	4.6	1.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B	
Surrogate		LCL	UCL						
4-Bromofluorobenzene	92	64	132	1	%		11/29/06	SW846 5030B	SW846 8260B
Toluene-d8	101	73	127	1	%		11/29/06	SW846 5030B	SW846 8260B
Dibromofluoromethane	108	68	122	1	%		11/29/06	SW846 5030B	SW846 8260B

Pace Analytical
Services, Inc.

Analytical Report Number: 878767

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE
Project Name : MEDLEY FARMS
Project Number : 71243.40
Field ID : A-1

Matrix Type : WATER
Collection Date : 11/20/06
Report Date : 12/01/06
Lab Sample Number : 878767-003

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date	Prep Method	Anl Method
Manganese - Dissolved	57.00	5.0	1	ug/L		11/30/06	SW846 6010B	SW846 6010B

VOLATILES - SPECIAL LIST

Prep Date: 11/29/06

Analyte	Result	EQL	Dilution	Units	Code	Anl Date	Prep Method	Anl Method	
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B	
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B	
1,1-Dichloroethane	< 1.0	1.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B	
1,1-Dichloroethene	< 1.0	1.0	1	ug/L	&	11/29/06	SW846 5030B	SW846 8260B	
1,2-Dichloroethane	3.5	1.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B	
2-Butanone	< 5.0	5.0	1	ug/L	&	11/29/06	SW846 5030B	SW846 8260B	
Acetone	10	5.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B	
Benzene	< 1.0	1.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B	
Chloroethane	< 1.0	1.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B	
Chloroform	< 1.0	1.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B	
Chloromethane	< 1.0	1.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B	
cis-1,2-Dichloroethene	7.0	1.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B	
Methylene Chloride	< 1.0	1.0	1	ug/L	&	11/29/06	SW846 5030B	SW846 8260B	
Tetrachloroethene	< 1.0	1.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B	
trans-1,2-Dichloroethene	< 1.0	1.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B	
Trichloroethene	4.6	1.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B	
Vinyl Chloride	6.1	1.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B	
Surrogate		LCL	UCL						
4-Bromofluorobenzene	91	64	132	1	%		11/29/06	SW846 5030B	SW846 8260B
Toluene-d8	102	73	127	1	%		11/29/06	SW846 5030B	SW846 8260B
Dibromofluoromethane	109	68	122	1	%		11/29/06	SW846 5030B	SW846 8260B

Pace Analytical
Services, Inc.

Analytical Report Number: 878767

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE
Project Name : MEDLEY FARMS
Project Number : 71243.40
Field ID : A-2

Matrix Type : WATER
Collection Date : 11/20/06
Report Date : 12/01/06
Lab Sample Number : 878767-004

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date	Prep Method	Anl Method
Manganese - Dissolved	5300	5.0	1	ug/L		11/30/06	SW846 6010B	SW846 6010B

VOLATILES - SPECIAL LIST

Prep Date: 11/29/06

Analyte	Result	EQL	Dilution	Units	Code	Anl Date	Prep Method	Anl Method
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 1.0	1.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 1.0	1.0	1	ug/L	&	11/29/06	SW846 5030B	SW846 8260B
1,2-Dichloroethane	1.9	1.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B
2-Butanone	< 5.0	5.0	1	ug/L	&	11/29/06	SW846 5030B	SW846 8260B
Acetone	< 5.0	5.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B
Benzene	< 1.0	1.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B
Chloroethane	< 1.0	1.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B
Chloroform	0.70	J	1.0	1	ug/L	11/29/06	SW846 5030B	SW846 8260B
Chloromethane	< 1.0	1.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	11	1.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B
Methylene Chloride	< 1.0	1.0	1	ug/L	&	11/29/06	SW846 5030B	SW846 8260B
Tetrachloroethene	6.0	1.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	< 1.0	1.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B
Trichloroethene	21	1.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B
Vinyl Chloride	4.5	1.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B
Surrogate		LCL	UCL					
4-Bromofluorobenzene	93	64	132	1	%	11/29/06	SW846 5030B	SW846 8260B
Toluene-d8	102	73	127	1	%	11/29/06	SW846 5030B	SW846 8260B
Dibromofluoromethane	109	68	122	1	%	11/29/06	SW846 5030B	SW846 8260B

Pace Analytical
Services, Inc.

Analytical Report Number: 878767

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE
Project Name : MEDLEY FARMS
Project Number : 71243.40
Field ID : A-3

Matrix Type : WATER
Collection Date : 11/17/06
Report Date : 12/01/06
Lab Sample Number : 878767-002

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date	Prep Method	Anl Method
Manganese - Dissolved	690	5.0	1	ug/L		11/30/06	SW846 6010B	SW846 6010B

VOLATILES - SPECIAL LIST

Prep Date: 11/29/06

Analyte	Result	EQL	Dilution	Units	Code	Anl Date	Prep Method	Anl Method
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	0.74	J	1.0	1	ug/L	11/29/06	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 1.0	1.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B
1,1-Dichloroethene	2.3	1.0	1	ug/L	&	11/29/06	SW846 5030B	SW846 8260B
1,2-Dichloroethane	1.8	1.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B
2-Butanone	< 5.0	5.0	1	ug/L	&	11/29/06	SW846 5030B	SW846 8260B
Acetone	< 5.0	5.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B
Benzene	< 1.0	1.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B
Chloroethane	< 1.0	1.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B
Chloroform	3.1	1.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B
Chloromethane	< 1.0	1.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	16	1.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B
Methylene Chloride	< 1.0	1.0	1	ug/L	&	11/29/06	SW846 5030B	SW846 8260B
Tetrachloroethene	13	1.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	< 1.0	1.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B
Trichloroethene	26	1.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B
Vinyl Chloride	1.2	1.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B
Surrogate		LCL	UCL					
4-Bromofluorobenzene	90	64	132	1	%		SW846 5030B	SW846 8260B
Toluene-d8	103	73	127	1	%		SW846 5030B	SW846 8260B
Dibromofluoromethane	109	68	122	1	%		SW846 5030B	SW846 8260B

Pace Analytical
Services, Inc.

Analytical Report Number: 878767

1241 Bellevue Street
Green Bay, WI 54302
920-469-2438

Client : RMT - GREENVILLE
Project Name : MEDLEY FARMS
Project Number : 71243.40
Field ID : DP-3-1

Matrix Type : WATER
Collection Date : 11/20/06
Report Date : 12/01/06
Lab Sample Number : 878767-005

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date	Prep Method	Anl Method
Manganese - Dissolved	2300	5.0	1	ug/L	K	11/30/06	SW846 6010B	SW846 6010B

VOLATILES - SPECIAL LIST

Prep Date: 11/29/06

Analyte	Result	EQL	Dilution	Units	Code	Anl Date	Prep Method	Anl Method	
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B	
1,1,2-Trichloroethane	25	1.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B	
1,1-Dichloroethane	4.1	1.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B	
1,1-Dichloroethene	< 1.0	1.0	1	ug/L	&	11/29/06	SW846 5030B	SW846 8260B	
1,2-Dichloroethane	42	1.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B	
2-Butanone	< 5.0	5.0	1	ug/L	&	11/29/06	SW846 5030B	SW846 8260B	
Acetone	< 5.0	5.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B	
Benzene	0.48	J	1.0	1	ug/L		SW846 5030B	SW846 8260B	
Chloroethane	< 1.0	1.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B	
Chloroform	0.72	J	1.0	1	ug/L		SW846 5030B	SW846 8260B	
Chloromethane	< 1.0	1.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B	
cis-1,2-Dichloroethene	25	1.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B	
Methylene Chloride	< 1.0	1.0	1	ug/L	&	11/29/06	SW846 5030B	SW846 8260B	
Tetrachloroethene	0.72	J	1.0	1	ug/L		SW846 5030B	SW846 8260B	
trans-1,2-Dichloroethene	17	1.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B	
Trichloroethene	3.8	1.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B	
Vinyl Chloride	21	1.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B	
Surrogate		LCL	UCL						
4-Bromofluorobenzene	92	64	132	1	%		11/29/06	SW846 5030B	SW846 8260B
Toluene-d8	100	73	127	1	%		11/29/06	SW846 5030B	SW846 8260B
Dibromofluoromethane	109	68	122	1	%		11/29/06	SW846 5030B	SW846 8260B

Pace Analytical
Services, Inc.

Analytical Report Number: 878767

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE
Project Name : MEDLEY FARMS
Project Number : 71243.40
Field ID : DP-2-1

Matrix Type : WATER
Collection Date : 11/21/06
Report Date : 12/01/06
Lab Sample Number : 878767-006

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date	Prep Method	Anl Method
Manganese - Dissolved	4200	5.0	1	ug/L	K	11/30/06	SW846 6010B	SW846 6010B

VOLATILES - SPECIAL LIST

Analyte	Result	EQL	Prep Date: 11/29/06					
			Dilution	Units	Code	Anl Date	Prep Method	
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	0.44	J	1.0	1	ug/L	11/29/06	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 1.0	1.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B
1,1-Dichloroethene	4.2	1.0	1	ug/L	&	11/29/06	SW846 5030B	SW846 8260B
1,2-Dichloroethane	3.2	1.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B
2-Butanone	< 5.0	5.0	1	ug/L	&	11/29/06	SW846 5030B	SW846 8260B
Acetone	< 5.0	5.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B
Benzene	< 1.0	1.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B
Chloroethane	< 1.0	1.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B
Chloroform	3.5	1.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B
Chloromethane	< 1.0	1.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	21	1.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B
Methylene Chloride	< 1.0	1.0	1	ug/L	&	11/29/06	SW846 5030B	SW846 8260B
Tetrachloroethene	28	1.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	< 1.0	1.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B
Trichloroethene	42	1.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B
Vinyl Chloride	0.77	J	1.0	1	ug/L	11/29/06	SW846 5030B	SW846 8260B
Surrogate		LCL	UCL					
4-Bromofluorobenzene	92	64	132	1	%		SW846 5030B	SW846 8260B
Toluene-d8	102	73	127	1	%	11/29/06	SW846 5030B	SW846 8260B
Dibromofluoromethane	110	68	122	1	%	11/29/06	SW846 5030B	SW846 8260B

Pace Analytical
Services, Inc.

Analytical Report Number: 878767

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE
Project Name : MEDLEY FARMS
Project Number : 71243.40
Field ID : MLW-3-1

Matrix Type : WATER
Collection Date : 11/21/06
Report Date : 01/08/07
Lab Sample Number : 878767-008

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date	Prep Method	Anl Method
Manganese - Dissolved	4400	5.0	1	ug/L	K	11/30/06	SW846 6010B	SW846 6010B

VOLATILES - SPECIAL LIST

Analyte	Result	EQL	Dilution	Units	Code	Anl Date	Prep Method	Anl Method
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 1.0	1.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 1.0	1.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 1.0	1.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B
2-Butanone	< 5.0	5.0	1	ug/L	&	11/29/06	SW846 5030B	SW846 8260B
Acetone	31	5.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B
Benzene	< 1.0	1.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B
Chloroethane	< 1.0	1.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B
Chloroform	< 1.0	1.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B
Chloromethane	< 1.0	1.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	32	1.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B
Methylene Chloride	< 1.0	1.0	1	ug/L	&	11/29/06	SW846 5030B	SW846 8260B
Tetrachloroethene	< 1.0	1.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	< 1.0	1.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B
Trichloroethene	< 1.0	1.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B
Vinyl Chloride	< 1.0	1.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B
Surrogate		LCL	UCL					
4-Bromofluorobenzene	94	64	132	1 %		11/29/06	SW846 5030B	SW846 8260B
Toluene-d8	101	73	127	1 %		11/29/06	SW846 5030B	SW846 8260B
Dibromofluoromethane	114	68	122	1 %		11/29/06	SW846 5030B	SW846 8260B

Pace Analytical
Services, Inc.

Analytical Report Number: 878767

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE
Project Name : MEDLEY FARMS
Project Number : 71243.40
Field ID : MLW-3-2

Matrix Type : WATER
Collection Date : 11/21/06
Report Date : 12/01/06
Lab Sample Number : 878767-007

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date	Prep Method	Anl Method
Manganese - Dissolved	5.5	5.0	1	ug/L		11/30/06	SW846 6010B	SW846 6010B

VOLATILES - SPECIAL LIST

Prep Date: 11/29/06

Analyte	Result	EQL	Dilution	Units	Code	Anl Date	Prep Method	Anl Method	
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B	
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B	
1,1-Dichloroethane	< 1.0	1.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B	
1,1-Dichloroethene	< 1.0	1.0	1	ug/L	&	11/29/06	SW846 5030B	SW846 8260B	
1,2-Dichloroethane	< 1.0	1.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B	
2-Butanone	< 5.0	5.0	1	ug/L	&	11/29/06	SW846 5030B	SW846 8260B	
Acetone	< 5.0	5.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B	
Benzene	< 1.0	1.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B	
Chloroethane	< 1.0	1.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B	
Chloroform	< 1.0	1.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B	
Chloromethane	< 1.0	1.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B	
cis-1,2-Dichloroethene	6.9	1.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B	
Methylene Chloride	< 1.0	1.0	1	ug/L	&	11/29/06	SW846 5030B	SW846 8260B	
Tetrachloroethene	0.72	J	1.0	1	ug/L		SW846 5030B	SW846 8260B	
trans-1,2-Dichloroethene	< 1.0	1.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B	
Trichloroethene	2.2	1.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B	
Vinyl Chloride	< 1.0	1.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B	
Surrogate		LCL	UCL						
4-Bromofluorobenzene	90	64	132	1	%		11/29/06	SW846 5030B	SW846 8260B
Toluene-d8	102	73	127	1	%		11/29/06	SW846 5030B	SW846 8260B
Dibromofluoromethane	114	68	122	1	%		11/29/06	SW846 5030B	SW846 8260B

Pace Analytical
Services, Inc.

Analytical Report Number: 878767

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE
Project Name : MEDLEY FARMS
Project Number : 71243.40
Field ID : RBLK-06401

Matrix Type : WATER
Collection Date : 11/20/06
Report Date : 12/01/06
Lab Sample Number : 878767-009

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date	Prep Method	Anl Method
Manganese - Dissolved	2.6	B 5.0	1	ug/L	K	11/30/06	SW846 6010B	SW846 6010B

VOLATILES - SPECIAL LIST

Prep Date: 11/29/06

Analyte	Result	EQL	Dilution	Units	Code	Anl Date	Prep Method	Anl Method	
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B	
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B	
1,1-Dichloroethane	< 1.0	1.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B	
1,1-Dichloroethene	< 1.0	1.0	1	ug/L	&	11/29/06	SW846 5030B	SW846 8260B	
1,2-Dichloroethane	< 1.0	1.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B	
2-Butanone	< 5.0	5.0	1	ug/L	&	11/29/06	SW846 5030B	SW846 8260B	
Acetone	< 5.0	5.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B	
Benzene	< 1.0	1.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B	
Chloroethane	< 1.0	1.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B	
Chloroform	< 1.0	1.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B	
Chloromethane	< 1.0	1.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B	
cis-1,2-Dichloroethene	< 1.0	1.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B	
Methylene Chloride	< 1.0	1.0	1	ug/L	&	11/29/06	SW846 5030B	SW846 8260B	
Tetrachloroethene	< 1.0	1.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B	
trans-1,2-Dichloroethene	< 1.0	1.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B	
Trichloroethene	< 1.0	1.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B	
Vinyl Chloride	< 1.0	1.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B	
Surrogate		LCL	UCL						
4-Bromofluorobenzene	92	64	132	1	%		11/29/06	SW846 5030B	SW846 8260B
Toluene-d8	101	73	127	1	%		11/29/06	SW846 5030B	SW846 8260B
Dibromofluoromethane	111	68	122	1	%		11/29/06	SW846 5030B	SW846 8260B

Pace Analytical
Services, Inc.

Analytical Report Number: 878767

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE
Project Name : MEDLEY FARMS
Project Number : 71243.40
Field ID : FBLK-06401

Matrix Type : WATER
Collection Date : 11/20/06
Report Date : 12/01/06
Lab Sample Number : 878767-010

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date	Prep Method	Anl Method
Manganese - Dissolved	0.96	B 5.0	1	ug/L	K	11/30/06	SW846 6010B	SW846 6010B

VOLATILES - SPECIAL LIST

Analyte	Result	EQL	Dilution	Units	Code	Anl Date	Prep Method	Anl Method
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 1.0	1.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 1.0	1.0	1	ug/L	&	11/29/06	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 1.0	1.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B
2-Butanone	< 5.0	5.0	1	ug/L	&	11/29/06	SW846 5030B	SW846 8260B
Acetone	< 5.0	5.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B
Benzene	< 1.0	1.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B
Chloroethane	< 1.0	1.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B
Chloroform	< 1.0	1.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B
Chloromethane	< 1.0	1.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	< 1.0	1.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B
Methylene Chloride	< 1.0	1.0	1	ug/L	&	11/29/06	SW846 5030B	SW846 8260B
Tetrachloroethene	< 1.0	1.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	< 1.0	1.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B
Trichloroethene	< 1.0	1.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B
Vinyl Chloride	< 1.0	1.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B
Surrogate		LCL	UCL					
4-Bromofluorobenzene	92	64	132	1	%		SW846 5030B	SW846 8260B
Toluene-d8	103	73	127	1	%		SW846 5030B	SW846 8260B
Dibromofluoromethane	107	68	122	1	%		SW846 5030B	SW846 8260B

Pace Analytical
Services, Inc.

Analytical Report Number: 878767

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE

Project Name : MEDLEY FARMS

Project Number : 71243.40

Field ID : DU-06401 (DP-3-1)

Matrix Type : WATER

Collection Date :

Report Date : 12/01/06

Lab Sample Number : 878767-011

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date	Prep Method	Anl Method
Manganese - Dissolved	2200	5.0	1	ug/L	K	11/30/06	SW846 6010B	SW846 6010B

VOLATILES - SPECIAL LIST

Prep Date: 11/29/06

Analyte	Result	EQL	Dilution	Units	Code	Anl Date	Prep Method	Anl Method
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	25	1.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B
1,1-Dichloroethane	3.7	1.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 1.0	1.0	1	ug/L	&	11/29/06	SW846 5030B	SW846 8260B
1,2-Dichloroethane	39	1.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B
2-Butanone	< 5.0	5.0	1	ug/L	&	11/29/06	SW846 5030B	SW846 8260B
Acetone	< 5.0	5.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B
Benzene	0.49	J	1.0	1	ug/L	11/29/06	SW846 5030B	SW846 8260B
Chloroethane	< 1.0	1.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B
Chloroform	0.70	J	1.0	1	ug/L	11/29/06	SW846 5030B	SW846 8260B
Chloromethane	< 1.0	1.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	22	1.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B
Methylene Chloride	< 1.0	1.0	1	ug/L	&	11/29/06	SW846 5030B	SW846 8260B
Tetrachloroethene	0.55	J	1.0	1	ug/L	11/29/06	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	17	1.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B
Trichloroethene	3.4	1.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B
Vinyl Chloride	20	1.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B
Surrogate		LCL	UCL					
4-Bromofluorobenzene	92	64	132	1	%	11/29/06	SW846 5030B	SW846 8260B
Toluene-d8	103	73	127	1	%	11/29/06	SW846 5030B	SW846 8260B
Dibromofluoromethane	108	68	122	1	%	11/29/06	SW846 5030B	SW846 8260B

Pace Analytical
Services, Inc.

Analytical Report Number: 878767

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE
Project Name : MEDLEY FARMS
Project Number : 71243.40
Field ID : TBLK-06403

Matrix Type : WATER
Collection Date :
Report Date : 12/01/06
Lab Sample Number : 878767-012

VOLATILES - SPECIAL LIST

Prep Date: 11/29/06

Analyte	Result	EQL	Dilution	Units	Code	Anl Date	Prep Method	Anl Method
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 1.0	1.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 1.0	1.0	1	ug/L	&	11/29/06	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 1.0	1.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B
2-Butanone	< 5.0	5.0	1	ug/L	&	11/29/06	SW846 5030B	SW846 8260B
Acetone	< 5.0	5.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B
Benzene	< 1.0	1.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B
Chloroethane	< 1.0	1.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B
Chloroform	< 1.0	1.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B
Chloromethane	< 1.0	1.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	< 1.0	1.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B
Methylene Chloride	< 1.0	1.0	1	ug/L	&	11/29/06	SW846 5030B	SW846 8260B
Tetrachloroethene	< 1.0	1.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	< 1.0	1.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B
Trichloroethene	< 1.0	1.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B
Vinyl Chloride	< 1.0	1.0	1	ug/L		11/29/06	SW846 5030B	SW846 8260B
Surrogate		LCL	UCL					
4-Bromofluorobenzene	92	64	132	1	%	11/29/06	SW846 5030B	SW846 8260B
Toluene-d8	100	73	127	1	%	11/29/06	SW846 5030B	SW846 8260B
Dibromofluoromethane	109	68	122	1	%	11/29/06	SW846 5030B	SW846 8260B

Qualifier Codes

Flag Applies To Explanation

A	Inorganic	Analyte is detected in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
B	Inorganic	The analyte has been detected between the method detection limit and the reporting limit.
B	Organic	Analyte is present in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
C	All	Elevated detection limit.
D	All	Analyte value from diluted analysis or surrogate result not applicable due to sample dilution.
E	Inorganic	Estimated concentration due to matrix interferences. During the metals analysis the serial dilution failed to meet the established control limits of 0-10%. The sample concentration is greater than 50 times the IDL for analysis done on the ICP or 100 times the IDL for analysis done on the ICP-MS. The result was flagged with the E qualifier to indicate that a physical interference was observed.
E	Organic	Analyte concentration exceeds calibration range.
F	Inorganic	Due to potential interferences for this analysis by Inductively Coupled Plasma techniques (SW-846 Method 6010), this analyte has been confirmed by and reported from an alternate method.
F	Organic	Surrogate results outside control criteria.
G	All	The result is estimated because the concentration is less than the lowest calibration standard concentration utilized in the initial calibration. The method detection limit is less than the reporting limit specified for this project.
H	All	Preservation, extraction or analysis performed past holding time.
HF	Inorganic	This test is considered a field parameter, and the recommended holding time is 15 minutes from collection. The analysis was performed in the laboratory beyond the recommended holding time.
J	All	Concentration detected equal to or greater than the method detection limit but less than the reporting limit.
K	Inorganic	Sample received unpreserved. Sample was either preserved at the time of receipt or at the time of sample preparation.
K	Organic	<i>Detection limit may be elevated due to the presence of an unrequested analyte.</i>
L	All	Elevated detection limit due to low sample volume.
M	Organic	Sample pH was greater than 2
N	All	Spiked sample recovery not within control limits.
O	Organic	Sample received overweight.
P	Organic	The relative percent difference between the two columns for detected concentrations was greater than 40%.
Q	All	The analyte has been detected between the limit of detection (LOD) and limit of quantitation (LOQ). The results are qualified due to the uncertainty of analyte concentrations within this range.
S	Organic	The relative percent difference between quantitation and confirmation columns exceeds internal quality control criteria. Because the result is unconfirmed, it has been reported as a non-detect with an elevated detection limit.
U	All	The analyte was not detected at or above the reporting limit.
V	All	Sample received with headspace.
W	All	A second aliquot of sample was analyzed from a container with headspace.
X	All	See Sample Narrative.
Z	Organics	This compound was separated in the check standard but it did not meet the resolution criteria as set forth in SW846.
&	All	Laboratory Control Spike recovery not within control limits.
*	All	Precision not within control limits.
+	Inorganic	The sample result is greater than four times the spike level; therefore, the percent recovery is not evaluated.
<	All	The analyte was not detected at or above the reporting limit.
1	Inorganic	Dissolved analyte or filtered analyte greater than total analyte; analyses passed QC based on precision criteria.
2	Inorganic	Dissolved analyte or filtered analyte greater than total analyte; analyses failed QC based on precision criteria.
3	Inorganic	BOD result is estimated due to the BOD blank exceeding the allowable oxygen depletion.
4	Inorganic	BOD duplicate precision not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
5	Inorganic	BOD result is estimated due to insufficient oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
6	Inorganic	BOD laboratory control sample not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
7	Inorganic	BOD result is estimated due to complete oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.

Sample Condition Upon Receipt

Pace Analytical

Client Name: RMT Project # 875767Courier: FedEx UPS USPS Client Commercial Pace Other _____Tracking #: 014CCustody Seal on Cooler/Box Present: Yes no Seals Intact: Yes noPacking Material: Bubble Wrap Bubble Bags None OtherThermometer Used: JB Type of Ice: Wet Blue None Samples on ice, cooling process has begunCooler Temperature: 2.0

Biological Tissue Is Frozen: Yes No

Temp should be above freezing to 6°C

Comments:

Date and Initials of person examining
contents: LM 11-22-06

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5.
Short Hold Time Analysis (<72hr):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	6.
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	7.
Sufficient Volume:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	8.
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.
-Pace Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	10.
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	11.
Sample Labels match COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	12.
-Includes date/time/ID/Analysis Matrix:	<u>W</u>	
All containers needing preservation have been checked.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	13. <i>A0040, SMC, NaOH, 70 (005)(006)(008)(009)(010)(011)</i>
All containers needing preservation are found to be in compliance with EPA recommendation.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Initial when completed <u>RB</u> Lot # of added preservative <u>A10040</u>
Samples checked for dechlorination:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	14.
Headspace in VOA Vials (>6mm):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	15.
Trip Blank Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	16.
Trip Blank Custody Seals Present	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased):		

Client Notification/ Resolution:

Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution:

_____Project Manager Review: TJDate: 11-27-06

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. out of hold, incorrect preservative, out of temp, incorrect containers)

PROJECT WORK ORDER
Medley Farm - November 2006

878767

Project: Medley Farm
 Project Number: 71243.40
 Sample Date: Nov. 6 - Nov. 17, 2006
 Turnaround Time: Standard
 Detection Limit: Federal DW MCL where applicable
 QC Package: Level 2
 RMT format EDD required.

Project Manager: Steve Webb
 Project Contact: Brian Grothaus
 Laboratory: Pace - Green Bay, WI
 1241 Bellevue St.
 Greenbay, WI 54302
 Ph: 1-800-7-ENCHEM Fax: 920-469-8827
 Contact: Tom Trainor

Bottle	A	B	C	Measure water levels on all wells.	
Sample ID				No MS/MSD	
A-1				*Special Volatiles List	
A-2				Acetone	
A-3				Benzene	
B-2				2-Butanone	
B-3				Chloroform	
BW-2				Chloroethane	
DP-3				Chloromethane	
MLW-3-1				1,1-Dichloroethane	
MLW-3-2				1,2-Dichloroethane	
MLW-3-3				1,1-Dichloroethene	
MLW-3-4				cis-1,2-Dichloroethene	
MW-3D				trans-1,2-dichloroethene	
MW-2-1				Methylene chloride	
MW-2-2				Tetrachloroethene	
MW-4-1				Trichloroethene	
MW-4-2				1,1,1-Trichloroethane	
SW-201				1,1,2-Trichloroethane	
SW-202				Vinyl chloride	
SW-3					
SW-4					

DP2-1

DU-06401

PROJECT WORK ORDER
Medley Farm - November 2006

878767

Project: Medley Farm
Project Number: 71243.40
Sample Date: Nov. 6 - Nov. 17, 2006
Turnaround Time: Standard
Detection Limit: Federal DW MCL where applicable
QC Package: Level 2
RMT format EDD required.

Project Manager: Steve Webb
Project Contact: Brian Grothaus
Laboratory: Pace - Green Bay, WI
1241 Bellevue St.
Greenbay, WI 54302
Ph: 1-800-7-ENCHEM Fax: 920-469-8827
Contact: Tom Trainor

Analyte	VOCs	Dissolved Ferrous Iron	Dissolved Manganese	FIELD pH, DO, ORP, Temp, Spec Cond.	COMMENTS
Method	B260B	Field Kit	6010B		
FBLK-06401					
RBLK-06401					
TBLK-06401					
TBLK-06402					

A - VOCs: three 40 mL septum vials; HCl preservative; ice; HT - 14 days

B - Dissolved Ferrous Iron: Chemetrics field test kit; HT - ASAP

C - Dissolved Manganese: one 125 mL plastic; HNO_3 to $\text{pH} < 2$; ice; HT - 6 months

MCL reporting (NOT MDL unless needed for MCL); "J" flagging; no SIM.

FBLK-06403



CHAIN OF CUSTODY RECORD

76969

878767

30 Patewood Drive, Suite 100, Patewood Plaza One, Greenville, SC 29615-3535
 Phone 864/281-0030 • Fax 864/281-0288

Project No.		Project/Client:		Total Number of Containers	MATRIX	Analyses Requested							Comments:	
71243.40		Medley Farms.				Filtered (Yes/No)	P Y	Preserved (Code)	E B					
Lab No.	Yr. <u>06</u>	Date	Time	Sample Station ID										
001	11/17	1250		B-2	4	3	1							1-250mL B 3-10mc E
002	11/17	1430		A-3										
003	11/20	1000		A-1										
004	5	1245		A-2										
005	11/20	1450		DPL-1										
006	11/21	1000		DPL-1										
007	11/21	1000		MW 3-2										
008	11/21			MW 3-1	4	3	1							

SPECIAL INSTRUCTIONS

54302

SAMPLER Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time	HAZARDS ASSOCIATED WITH SAMPLES	Turn Around (circle one)	Normal	Rush
<i>Larry Gandy</i>	11/21/06 1800	<i>DHL</i>	11/21/06 1830	<input type="checkbox"/> Flammable <input type="checkbox"/> Corrosive <input type="checkbox"/> Highly Toxic <input type="checkbox"/> Other (list) _____	Report Due _____	(For Lab Use Only)	
Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time		Receipt Temp: Temp Blank	20 Y	Receipt pH (Wet/Metals)
<i>DHL</i>	11/22/06 000	<i>NBT</i>	11/22/06 100				<i>ADJUSTED</i>
Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time				
Custody Seal: <input checked="" type="radio"/> Present <input type="radio"/> Absent	<input checked="" type="radio"/> Intact <input type="radio"/> Not Intact	Seal #:					



CHAIN OF CUSTODY RECORD

**30 Patewood Drive, Suite 100, Patewood Plaza One, Greenville, SC 29615-3535
Phone 864/281-0030 • Fax 864/281-0288**

878767 76970

SPECIAL INSTRUCTIONS

54302

SAMPLER Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time	HAZARDS ASSOCIATED WITH SAMPLES	
<i>Samy Jahn</i>	11/21/06 1800	DHL	11/21/06 1830	<input type="checkbox"/> Flammable	<input type="checkbox"/> Normal
Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time	<input type="checkbox"/> Corrosive	Rush
DHL	11/22/06 1000	NB	11/22/06 1000	<input type="checkbox"/> Highly Toxic	
Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time	<input type="checkbox"/> Other (list) _____	(For Lab Use Only)
				Receipt Temp: 20 Temp Blank Y N	Receipt pH (Wet/Metals)
Custody Seal: Present/Absent Intact/Not Intact Seal #:				<u>AJUSTED</u>	

F-268 (6/04)

WHITE—LABORATORY COPY

YELLOW—REPORT APPENDIX

PINK—SAMPLER/SUBMITTER



1241 Bellevue Street, Suite 9
Green Bay, WI 54302
920-469-2436, Fax: 920-469-8827

Analytical Report Number: 873710

Client: RMT - GREENVILLE

Lab Contact: Tom Trainor

Project Name: MEDLEY FARMS

Project Number: 71243.41

Lab Sample Number	Field ID	Matrix	Collection Date
873710-001	DP-2-1	GW	07/05/06 14:35
873710-002	RBLK	WATER	07/05/06 10:45
873710-003	TBLK	WATER	07/05/06

I certify that the data contained in this Final Report has been generated and reviewed in accordance with approved methods and Laboratory Standard Operating Procedure. Exceptions, if any, are discussed in the accompanying sample comments. Release of this final report is authorized by Laboratory management, as is verified by the following signature. This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, Inc. The sample results relate only to the analytes of interest tested.

A handwritten signature of Tom Trainor in black ink.

Approval Signature

A handwritten date stamp reading "7-21-06".

Date

Pace Analytical
Services, Inc.

Analytical Report Number: 873710

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE

Project Name : MEDLEY FARMS

Project Number : 71243.41

Field ID : DP-2-1

Matrix Type : GROUNDWATER

Collection Date : 07/05/06

Report Date : 07/20/06

Lab Sample Number : 873710-001

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date	Prep Method	Anl Method
Manganese - Dissolved	5.7	5.0	1	ug/L		07/12/06	SW846 6010B	SW846 6010B
Alkalinity as CaCO3	43	20	1	mg/L		07/18/06	EPA 310.2	EPA 310.2
Chloride	10	5.0	1	mg/L		07/12/06	EPA 300.0	EPA 300.0
Sulfate	2.4	B	4.0	1		07/12/06	EPA 300.0	EPA 300.0

VOLATILES - SPECIAL LIST

Prep Date: 07/11/06

Analyte	Result	EQL	Dilution	Units	Code	Anl Date	Prep Method	Anl Method
1,1,1-Trichloroethane	< 2.5	2.5	2.5	ug/L		07/11/06	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 2.5	2.5	2.5	ug/L		07/11/06	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 2.5	2.5	2.5	ug/L		07/11/06	SW846 5030B	SW846 8260B
1,1-Dichloroethene	6.0	2.5	2.5	ug/L		07/11/06	SW846 5030B	SW846 8260B
1,2-Dichloroethane	4.3	2.5	2.5	ug/L		07/11/06	SW846 5030B	SW846 8260B
2-Butanone	< 12	12	2.5	ug/L		07/11/06	SW846 5030B	SW846 8260B
Acetone	< 12	12	2.5	ug/L		07/11/06	SW846 5030B	SW846 8260B
Benzene	< 2.5	2.5	2.5	ug/L		07/11/06	SW846 5030B	SW846 8260B
Chloroethane	< 2.5	2.5	2.5	ug/L		07/11/06	SW846 5030B	SW846 8260B
Chloroform	49	2.5	2.5	ug/L		07/11/06	SW846 5030B	SW846 8260B
Chloromethane	< 2.5	2.5	2.5	ug/L		07/11/06	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	24	2.5	2.5	ug/L		07/11/06	SW846 5030B	SW846 8260B
\ Methylene Chloride	< 2.5	2.5	2.5	ug/L		07/11/06	SW846 5030B	SW846 8260B
Tetrachloroethene	66	2.5	2.5	ug/L		07/11/06	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	< 2.5	2.5	2.5	ug/L		07/11/06	SW846 5030B	SW846 8260B
Trichloroethene	160	2.5	2.5	ug/L		07/11/06	SW846 5030B	SW846 8260B
Vinyl Chloride	< 2.5	2.5	2.5	ug/L		07/11/06	SW846 5030B	SW846 8260B
Surrogate		LCL	UCL					
4-Bromofluorobenzene	91	64	132	2.5 %		07/11/06	SW846 5030B	SW846 8260B
Toluene-d8	104	73	127	2.5 %		07/11/06	SW846 5030B	SW846 8260B
Dibromofluoromethane	100	68	122	2.5 %		07/11/06	SW846 5030B	SW846 8260B

Pace Analytical
Services, Inc.

Analytical Report Number: 873710

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client: RMT - GREENVILLE
Project Name: MEDLEY FARMS
Project Number: 71243.41
Field ID: RBLK

Matrix Type: WATER
Collection Date: 07/05/06
Report Date: 07/21/06
Lab Sample Number: 873710-002

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date	Prep Method	Anl Method
Manganese - Dissolved	< 5.0	5.0	1	ug/L		07/19/06	SW846 6010B	SW846 6010B
Alkalinity as CaCO3	< 20	20	1	mg/L		07/18/06	EPA 310.2	EPA 310.2
Chloride	< 5.0	5.0	1	mg/L		07/10/06	EPA 300.0	EPA 300.0
Sulfate	< 4.0	4.0	1	mg/L		07/10/06	EPA 300.0	EPA 300.0

VOLATILES - SPECIAL LIST

Prep Date: 07/11/06

Analyte	Result	EQL	Dilution	Units	Code	Anl Date	Prep Method	Anl Method	
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		07/11/06	SW846 5030B	SW846 8260B	
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/L		07/11/06	SW846 5030B	SW846 8260B	
1,1-Dichloroethane	< 1.0	1.0	1	ug/L		07/11/06	SW846 5030B	SW846 8260B	
1,1-Dichloroethene	< 1.0	1.0	1	ug/L		07/11/06	SW846 5030B	SW846 8260B	
1,2-Dichloroethane	< 1.0	1.0	1	ug/L		07/11/06	SW846 5030B	SW846 8260B	
2-Butanone	< 5.0	5.0	1	ug/L		07/11/06	SW846 5030B	SW846 8260B	
Acetone	< 5.0	5.0	1	ug/L		07/11/06	SW846 5030B	SW846 8260B	
Benzene	< 1.0	1.0	1	ug/L		07/11/06	SW846 5030B	SW846 8260B	
Chloroethane	< 1.0	1.0	1	ug/L		07/11/06	SW846 5030B	SW846 8260B	
Chloroform	< 1.0	1.0	1	ug/L		07/11/06	SW846 5030B	SW846 8260B	
Chloromethane	< 1.0	1.0	1	ug/L		07/11/06	SW846 5030B	SW846 8260B	
cis-1,2-Dichloroethene	< 1.0	1.0	1	ug/L		07/11/06	SW846 5030B	SW846 8260B	
Methylene Chloride	< 1.0	1.0	1	ug/L		07/11/06	SW846 5030B	SW846 8260B	
Tetrachloroethene	< 1.0	1.0	1	ug/L		07/11/06	SW846 5030B	SW846 8260B	
trans-1,2-Dichloroethene	< 1.0	1.0	1	ug/L		07/11/06	SW846 5030B	SW846 8260B	
Trichloroethene	< 1.0	1.0	1	ug/L		07/11/06	SW846 5030B	SW846 8260B	
Vinyl Chloride	< 1.0	1.0	1	ug/L		07/11/06	SW846 5030B	SW846 8260B	
Surrogate		LCL	UCL						
4-Bromofluorobenzene	94	64	132	1	%		07/11/06	SW846 5030B	SW846 8260B
Toluene-d8	105	73	127	1	%		07/11/06	SW846 5030B	SW846 8260B
Dibromofluoromethane	99	68	122	1	%		07/11/06	SW846 5030B	SW846 8260B

Pace Analytical
Services, Inc.

Analytical Report Number: 873710

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE
Project Name : MEDLEY FARMS
Project Number : 71243.41
Field ID : TBLK

Matrix Type : WATER
Collection Date : 07/05/06
Report Date : 07/20/06
Lab Sample Number : 873710-003

VOLATILES - SPECIAL LIST

Prep Date: 07/11/06

Analyte	Result	EQL	Dilution	Units	Code	Anl Date	Prep Method	Anl Method	
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		07/11/06	SW846 5030B	SW846 8260B	
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/L		07/11/06	SW846 5030B	SW846 8260B	
1,1-Dichloroethane	< 1.0	1.0	1	ug/L		07/11/06	SW846 5030B	SW846 8260B	
1,1-Dichloroethene	< 1.0	1.0	1	ug/L		07/11/06	SW846 5030B	SW846 8260B	
1,2-Dichloroethane	< 1.0	1.0	1	ug/L		07/11/06	SW846 5030B	SW846 8260B	
2-Butanone	< 5.0	5.0	1	ug/L		07/11/06	SW846 5030B	SW846 8260B	
Acetone	< 5.0	5.0	1	ug/L		07/11/06	SW846 5030B	SW846 8260B	
Benzene	< 1.0	1.0	1	ug/L		07/11/06	SW846 5030B	SW846 8260B	
Chloroethane	< 1.0	1.0	1	ug/L		07/11/06	SW846 5030B	SW846 8260B	
Chloroform	< 1.0	1.0	1	ug/L		07/11/06	SW846 5030B	SW846 8260B	
Chloromethane	< 1.0	1.0	1	ug/L		07/11/06	SW846 5030B	SW846 8260B	
cis-1,2-Dichloroethene	< 1.0	1.0	1	ug/L		07/11/06	SW846 5030B	SW846 8260B	
Methylene Chloride	< 1.0	1.0	1	ug/L		07/11/06	SW846 5030B	SW846 8260B	
Tetrachloroethene	< 1.0	1.0	1	ug/L		07/11/06	SW846 5030B	SW846 8260B	
trans-1,2-Dichloroethene	< 1.0	1.0	1	ug/L		07/11/06	SW846 5030B	SW846 8260B	
Trichloroethene	< 1.0	1.0	1	ug/L		07/11/06	SW846 5030B	SW846 8260B	
Vinyl Chloride	< 1.0	1.0	1	ug/L		07/11/06	SW846 5030B	SW846 8260B	
Surrogate		LCL	UCL						
4-Bromofluorobenzene	93	64	132	1	%		07/11/06	SW846 5030B	SW846 8260B
Toluene-d8	105	73	127	1	%		07/11/06	SW846 5030B	SW846 8260B
Dibromofluoromethane	99	68	122	1	%		07/11/06	SW846 5030B	SW846 8260B

Qualifier Codes

Flag	Applies To	Explanation
A	Inorganic	Analyte is detected in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
B	Inorganic	The analyte has been detected between the method detection limit and the reporting limit.
B	Organic	Analyte is present in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
C	All	Elevated detection limit.
D	All	Analyte value from diluted analysis or surrogate result not applicable due to sample dilution.
E	Inorganic	Estimated concentration due to matrix interferences. During the metals analysis the serial dilution failed to meet the established control limits of 0-10%. The sample concentration is greater than 50 times the IDL for analysis done on the ICP or 100 times the IDL for analysis done on the ICP-MS. The result was flagged with the E qualifier to indicate that a physical interference was observed.
E	Organic	Analyte concentration exceeds calibration range.
F	Inorganic	Due to potential interferences for this analysis by Inductively Coupled Plasma techniques (SW-846 Method 6010), this analyte has been confirmed by and reported from an alternate method.
F	Organic	Surrogate results outside control criteria.
G	All	The result is estimated because the concentration is less than the lowest calibration standard concentration utilized in the initial calibration. The method detection limit is less than the reporting limit specified for this project.
H	All	Preservation, extraction or analysis performed past holding time.
HF	Inorganic	This test is considered a field parameter, and the recommended holding time is 15 minutes from collection. The analysis was performed in the laboratory beyond the recommended holding time.
J	All	Concentration detected equal to or greater than the method detection limit but less than the reporting limit.
K	Inorganic	Sample received unpreserved. Sample was either preserved at the time of receipt or at the time of sample preparation.
K	Organic	Detection limit may be elevated due to the presence of an unrequested analyte.
L	All	Elevated detection limit due to low sample volume.
M	Organic	Sample pH was greater than 2
N	All	Spiked sample recovery not within control limits.
O	Organic	Sample received overweight.
P	Organic	The relative percent difference between the two columns for detected concentrations was greater than 40%.
Q	All	The analyte has been detected between the limit of detection (LOD) and limit of quantitation (LOQ). The results are qualified due to the uncertainty of analyte concentrations within this range.
S	Organic	The relative percent difference between quantitation and confirmation columns exceeds internal quality control criteria. Because the result is unconfirmed, it has been reported as a non-detect with an elevated detection limit.
U	All	The analyte was not detected at or above the reporting limit.
V	All	Sample received with headspace.
W	All	A second aliquot of sample was analyzed from a container with headspace.
X	All	See Sample Narrative.
Z	Organics	This compound was separated in the check standard but it did not meet the resolution criteria as set forth in SW846.
&	All	Laboratory Control Spike recovery not within control limits.
*	All	Precision not within control limits.
+	Inorganic	The sample result is greater than four times the spike level; therefore, the percent recovery is not evaluated.
<	All	The analyte was not detected at or above the reporting limit.
1	Inorganic	Dissolved analyte or filtered analyte greater than total analyte; analyses passed QC based on precision criteria.
2	Inorganic	Dissolved analyte or filtered analyte greater than total analyte; analyses failed QC based on precision criteria.
3	Inorganic	BOD result is estimated due to the BOD blank exceeding the allowable oxygen depletion.
4	Inorganic	BOD duplicate precision not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
5	Inorganic	BOD result is estimated due to insufficient oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
6	Inorganic	BOD laboratory control sample not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
7	Inorganic	BOD result is estimated due to complete oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.

Medley Farm - July 2006

Project: Medley Farm

Project Number: 71243.41

Sample Date: Week of July 3, 2006

Turnaround Time: Standard

Detection Limit: Federal DW MCL where applicable

QC Package: Level 2

RMT format EDD required.

Laboratory: Microseeps

220 William Pitt Way

Pittsburgh, PA 15238

Ph: (412) 826-5245 Fax: (412) 826-3433

Contact: Debbie Hall or Becky Hand

Project Manager: Steve Webb

Project Contact: Brian Grethaus

Laboratory: Pace - Green Bay, WI

1241 Bellevue St.

Greenbay, WI 54302

Ph: 1-800-7-ENCHEM Fax: 920-469-8927

Contact: Tom Trainor

873710

Analyte	VOC	Dissolved Ferrous Iron	Dissolved Manganese	Chloride & Sulfate / Alkalinity	Volatile Fatty Acids	FIELD pH DO, ORP, Temp, Spec Cond.	Comments
Method	8260B	Field Kit	6010B	300 / 3102	AM21G		
Bottle	A	B	C	D	E		Measure water levels on all wells.
Sample ID							No MS/MSD
DP-2-1							
RBLK-06301							
TBLK-06301							
							Special Volatiles List
							Acetone
							Benzene
							2-Butanone
							Chloroform
							Chloroethane
							Chloromethane
							1,1-Dichloroethane
							1,2-Dichloroethane
							1,1-Dichloroethene
							cis-1,2-Dichloroethene
							trans-1,2-dichloroethene
							Methylene chloride
							Tetrachloroethene
							Trichloroethene
							1,1,1-Trichloroethane
							1,1,2-Trichloroethane
							Vinyl chloride
							Volatile Fatty Acids are to be sent to Microseeps.

A - VOCs: three 40 mL septum vials; HCl preservative; ice; HT - 14 days

B - Dissolved Ferrous Iron: Chemetrics field test kit; HT - ASAP

C - Dissolved Manganese: one 125 mL plastic; HNO₃ to pH<2; ice; HT - 6 months

D - Chloride, Sulfate, Alkalinity: one 500 mL plastic; no preservative; ice; HT - 2X days; 14 days

E - Volatile Fatty Acids: two 40 mL clear; no preservative; ice; HT - preferred 14 day

MCL reporting (NOT MDL unless needed for MCL); T flagging; no SIM.

Note: RBLK-06301 is to be on HOLD at the lab
until RMT gives permission to analyze.

Sample Condition Upon Receipt

PaceAnalytical

Client Name: RMT Project # 823710Courier: FedEx UPS USPS Client Commercial Pace Other _____Custody Seal on Cooler/Box Present: yes no Seals intact: yes noPacking Material: Bubble Wrap Bubble Bags None Other _____Thermometer Used ThType of Ice: Wet Blue None Samples on ice, cooling process has begunCooler Temperature 1tBiological Tissue Is Frozen: Yes No

Temp should be above freezing to 6°C

Comments:

Date and Initials of person examining contents: MP 7/7/06
CL 9/7/06

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5.
Short Hold Time Analysis (<72hr):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	6.
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	7.
Sufficient Volume:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	8.
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.
-Pace Containers Used:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	10.
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.
Sample Labels match COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	12.
-Includes date/time/ID/Analysis Matrix:	<u>W</u>	
All containers needing preservation have been checked.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	<input type="checkbox"/> Yes <input type="checkbox"/> No	Initial when completed
Samples checked for dechlorination:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	14.
Headspace in VOA Vials (>6mm):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	15.
Trip Blank Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	16. non pace blank. 49710c
Trip Blank Custody Seals Present	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased):		

Client Notification/ Resolution:

Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

_____Project Manager Review: TJDate: 7-10-06

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. out of hold, incorrect preservative, out of temp, incorrect containers)



CHAIN OF CUSTODY RECORD

76734

30 Patewood Drive, Suite 100, Patewood Plaza One, Greenville, SC 29615-3535
Phone 864/281-0030 • Fax 864/281-0288

Project No. 71243,41	Project/Client: <i>Melbury Farms.</i>
Project Manager/Contact Person: <i>S.WEBB / B.GROUTHOUSE</i>	

SPECIAL INSTRUCTIONS

14533378272

SAMPLER Relinquished by (Signature)	Date/Time	Received by (Signature)
<i>Lamont</i>	7/6/06 10:00	DHL

Relinquished by (Signature)	Date/Time	Received by (Signature)
	7/7/06 11:30	

Relinquished by (Signature)	Date/Time	Received by (Signature)
-----------------------------	-----------	-------------------------

Custody Seal: Present/Absent Intact/Not Intact Seal #:

SPECIAL INSTRUCTIONS

14533378272

SAMPLER Relinquished by (Signature)	Date/Time	Received by (Signature)
<i>Lamont</i>	7/6/06 10:00	DHL

Relinquished by (Signature)	Date/Time	Received by (Signature)
	7/7/06 11:30	

Relinquished by (Signature)	Date/Time	Received by (Signature)
-----------------------------	-----------	-------------------------

Custody Seal: Present/Absent Intact/Not Intact Seal #:

HAZARDS ASSOCIATED WITH SAMPLES	Turn Around (circle one)	Normal	Rush
	<input type="checkbox"/> Flammable	<input type="checkbox"/> Corrosive	<input type="checkbox"/> Highly Toxic
Report Due _____			
(For Lab Use Only)			
Receipt Temp:		Receipt pH	
Temp Blank	Y	N	(Wet/Metals)
<hr/> 1°C <hr/>		<hr/> <hr/>	



Client Name: RMT, Inc.
Contact: Steve Webb
Address: Patewood Plaza One
Suite 100
30 Patewood Drive
Greenville, SC 29615-3535

Page: Page 1 of 4
Lab Proj #: P0607056
Report Date: 07/14/06
Client Proj Name: Medley Farm
Client Proj #: 71243.41

Laboratory Results

Lab Sample #	Client Sample ID
P0607056-01	DP-2-1
P0607056-02	RBLK

Total pages in data package: 7

Microseeps test results meet all the requirements of the NELAC standards.

Approved By:

The analytical results reported here are reliable and usable to the precision expressed in this report. As required by some regulating authorities, a full discussion of the uncertainty in our analytical results can be obtained at our web site or through customer service. Unless otherwise specified, all results are reported on a wet weight basis.

As a valued client we would appreciate your comments on our service.
Please call customer service at (412)826-5245 or email customerservice@microseeps.com.

Case Narrative

QC-LCH, 7/28/06: COC, TEMP, METHOD, HT, DL, MB, LCS, MS, MSD. ✓

QC✓

Client Name: RMT, Inc.
Contact: Steve Webb
Address: Patewood Plaza One
Suite 100
30 Patewood Drive
Greenville, SC 29615-3535

Page: Page 2 of 4
Lab Proj #: P0607056
Report Date: 07/14/06
Client Proj Name: Medley Farm
Client Proj #: 71243.41

<u>Sample Description</u>	<u>Matrix</u>	<u>Lab Sample #</u>		<u>Sampled Date/Time</u>		<u>Received</u>	
DP-2-1	Water	P0607056-01		05 Jul. 06	14:35	07 Jul. 06 12:33	
<u>Analyte(s)</u>	<u>Flag</u>	<u>Result</u>	<u>PQL</u>	<u>Units</u>	<u>Method #</u>	<u>Analysis Date</u>	<u>By</u>
SemiVolatile							
Acetic Acid	U	< 1.00	1.00	mg/L	AM21G	7/14/06	td
Butyric acid	U	< 1.00	1.00	mg/L	AM21G	7/14/06	td
Lactic Acid	U	< 25.00	25.00	mg/L	AM21G	7/14/06	td
Propionic acid	U	< 1.00	1.00	mg/L	AM21G	7/14/06	td
Pyruvic acid	U	< 10.00	10.00	mg/L	AM21G	7/14/06	td

Data Qualifiers: J - estimated value, U - Non detect, R - Poor surrogate recovery, M - Recovery/RPD poor for MS/MSD, SAMP/DUP, B - detected in blank, S - field sample as received did not meet NELAC sample acceptance criteria, L - Subcontracted Lab used, N - NELAC certified analysis

Client Name: RMT, Inc.
Contact: Steve Webb
Address: Patewood Plaza One
Suite 100
30 Patewood Drive
Greenville, SC 29615-3535

Page: Page 3 of 4
Lab Proj #: P0607056
Report Date: 07/14/06
Client Proj Name: Medley Farm
Client Proj #: 71243.41

<u>Sample Description</u>	<u>Matrix</u>	<u>Lab Sample #</u>		<u>Sampled Date/Time</u>		<u>Received</u>	
RBLK	Water	P0607056-02		05 Jul. 06 10:45		07 Jul. 06 12:33	
<u>Analyte(s)</u>	<u>Flag</u>	<u>Result</u>	<u>PQL</u>	<u>Units</u>	<u>Method #</u>	<u>Analysis Date</u>	<u>By</u>
SemiVolatile							
Acetic Acid	U	< 1.00	1.00	mg/L	AM21G	7/14/06	td
Butyric acid	U	< 1.00	1.00	mg/L	AM21G	7/14/06	td
Lactic Acid	U	< 25.00	25.00	mg/L	AM21G	7/14/06	td
Propionic acid	U	< 1.00	1.00	mg/L	AM21G	7/14/06	td
Pyruvic acid	U	< 10.00	10.00	mg/L	AM21G	7/14/06	td

Data Qualifiers: J - estimated value, U - Non detect, R - Poor surrogate recovery, M - Recovery/RPD poor for MS/MSD, SAMP/DUP, B - detected in blank, S - field sample as received did not meet NELAC sample acceptance criteria, L - Subcontracted Lab used, N - NELAC certified analysis



CHAIN OF CUSTODY RECORD

**30 Patewood Drive, Suite 100, Patewood Plaza One, Greenville, SC 29615-3535
Phone 864/281-0030 • Fax 864/281-0288**

76736

Medley Farm - July 2000

Project: Medley Farm
 Project Number: 71243.41
 Sample Date: Week of July 3, 2000
 Turnaround Time: Standard
 Detection Limit: Federal DW MCL where applicable
 QC Package: Level 2
 RMT format EDD required.

Laboratory: Microseeps
 220 William Pitt Way
 Pittsburgh, PA 15238
 Ph: (412) 826-5245 Fax: (412) 826-3433
 Contact: Debbie Hallo or Becky Hand

Project Manager: Steve Webb
 Project Contact: Brian Grothaus
 Laboratory: Pace - Green Bay, WI
 1241 Bellevue St.
 Greenbay, WI 54302
 Ph: 1-800-7-ENCHEM Fax: 920-469-8827
 Contact: Tom Trainor

Analyte	VOCs	Dissolved Ferrous Iron	Dissolved Manganese	Chloride & Sulfate/Alkalinity	Volatile Fatty Acids	FIELD pH, DO, ORP, Temp, Spec. Cond.	COMMENTS
Method	10001B	Field Kit	6010B	800/3102	AM21G		
Bottle	A	B	C	D	E		
Sample ID							Measure water levels on all wells.
DP-2-1							No MS/MSD
RBLK-06301							"Special Volatiles List"
TBLK-06301							Acetone
							Benzene
							2-Butanone
							Chloroform
							Chloroethane
							Chloromethane
							1,1-Dichloroethane
							1,2-Dichloroethane
							1,1-Dichloroethene
							cis-1,2-Dichloroethene
							trans-1,2-dichloroethene
							Methylene chloride
							Tetrachloroethene
							Trichloroethene
							1,1,1-Trichloroethane
							1,1,2-Trichloroethane
							Vinyl chloride
							Volatile Fatty Acids are to be sent to Microseeps.

A - VOCs: three 40 mL septum vials; HCl preservative; ice; HT - 14 days

B - Dissolved Ferrous Iron: Chemetrics field test kit; HT - ASAP

C - Dissolved Manganese: one 125 mL plastic; HNO₃ to pH 2; ice; HT - 6 months

D - Chloride, Sulfate; Alkalinity: one 500 mL plastic; no preservative; ice; HT - 28 days; 14 days

E - Volatile Fatty Acids: two 40 mL clear; no preservative; ice; HT - preferred 14 day

MCL reporting (NOT MDL unless needed for MCL); "T" flagging; no SIM.

Note: RBLK-06301 is to be on HOLD at the lab until RMT gives permission to analyze.

Cooler Receipt Form

Client: RMT, Inc.

Client Code: RMTSC

Lab Project #: P0607056

Project: Medley Farm

Cooler ID: 1

A. Preliminary Examination Phase:

Date cooler opened: 7/7/2006

Cooler opened by: dp

1. Was airbill Attached? N/A

Airbill #:

Carrier Name: Client

2. Custody Seals? N/A

How many? 0

Location:

Seal Name:

3. Seals Intact? N/A

4. Screened for radiation? N/A

5. COC Attached? N/A

Properly Completed? Yes

Signed by employee? Yes

6. Project Identification from custody paper: Medley Farm

7. Preservative: Yes

Temperature: 4

Comments:

B. Log-In Phase: Samples Log-In Date: 7/7/2006 **Log-In By:** dp

1. Packing Type: Other

2. Were samples in separate bags? N/A

3. Were containers intact? Yes

Labels agree with COC? Yes

4. Number of bottles received: 6

Number of samples received: 2

5. Correct containers used? Yes

Correct preservatives added? Yes

6. Sufficient sample volume? Yes

7. Bubbles in VOA samples? N/A

8. Was Project manager called and status discussed? N/A

Comments:

Have designate person initial here to acknowledge receipt of cooler:

Date: 7/7/06

U.S. EPA REGION IV

SDMS

Unscannable Material Target Sheet

DocID: _____ Site ID: _____

Site Name: Medley Farm Drum Amp
10450008

Nature of Material:

Map: ✓

Computer Disks: _____

Photos: _____

CD-ROM: _____

Blueprints: _____

Oversized Report: _____

Slides: _____

Log Book: _____

Other (describe): VOC specification in Groundwater
September 2004 and November 2006

Amount of material: 1 (Plate #1)

* Please contact the appropriate Records Center to view the material *